

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, September 19, 1928

Number 1

SIXTY-THREE ANSWER FIRST FOOTBALL CALL

TWELVE LETTER MEN INCLUDED IN WILDCAT SQUAD

Aggies Open Season Against Bethany
September 20; Is First Season
for New Big Six
Conference

Sixty-three husky young men had checked out football uniforms from Assistant Coach F. P. Root when the first practice of the season was held Monday, September 17, under Coach A. N. "Bo" McMillin.

Only a dozen letter men were included in the list, and one of these, big George "Babe" Lyon, can be used only sparingly, at least during the early part of the season. Lyon, a 200-pound two-letter tackle, had an influenza attack last winter and the doctor is keeping a close watch on the condition of his heart.

The dozen letter men represent considerable of a "shrinkage" from the 16 or 17 expected back at the beginning of the summer. Dee J. Householder, captain-elect; Harold Stover, Goddard, guard, and S. M. Neely, Hopewell, end, were among those failing to return. Coach McMillin does not expect to call an election for a new captain, but probably will appoint a temporary captain for each game.

PROSPECTS FAIRLY GOOD

In spite of the loss of the letter men, prospects were reasonably good because of the high percentage of last year's freshman varsity which returned to school. Included among the sopomores were Price Swartz, Everest, fullback; Alex Nigro, Kansas City, Mo., H. R. Weller, Olathe, and W. H. Meissinger, Abilene, halfbacks; William Bokenkroger, Sabetha, and William Daniels, Luray, ends, not to mention a half dozen others who will press the varsity men hard for positions.

Returning letter men include the following: Marion Evans, Gove, and J. F. Smerchek, Cleburne, halfbacks; M. B. Pearson, Manhattan, and R. E. Sanders, Burlington, centers; Joe Anderson, Salina, and Joe Limes, La Harpe, quarterbacks; William Towler, Topeka, end; K. C. Bauman, Salina, C. O. Tackwell, Manhattan, and E. C. McBurney, Newton, guards; George Lyon, Manhattan, tackle, and A. H. Freeman, Hoxie, fullback.

R. F. "Chief" Sanders of Larned, speedy one-letter halfback, has a slight chance of being declared eligible, in which case he will be a valuable addition to the Wildcat backfield.

The Aggies start their first season this fall in the new "Big Six" conference, otherwise known as the Missouri Valley Intercollegiate Athletic association, which includes the state universities of Kansas, Missouri, and Nebraska; Iowa State college, and the Kansas State Agricultural college.

PLAY BETHANY FIRST

The Wildcats are the first Big Six team to get into action, playing Bethany at Manhattan September 29, after only eleven days of practice. Bethany had been hard at work more than a week when the Aggies started practice, and are reported as having a strong team.

This year the K. U. game on October 20 will be Homecoming, and the Missouri game on November 10 has been selected as "Parents' Day," the new title replacing that formerly used, of "Dad's Day."

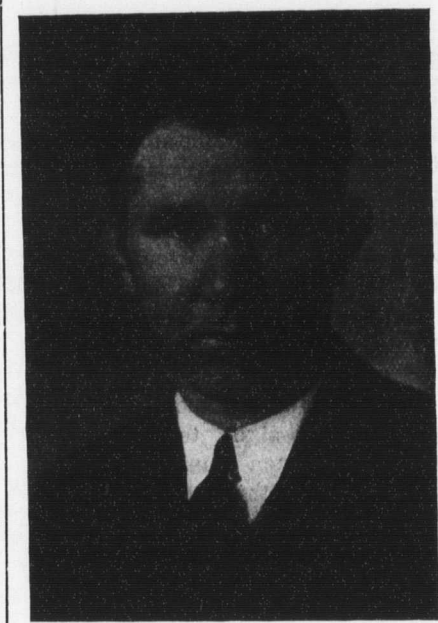
Assisting Coach McMillin at the first practice were Ward Haylett, formerly of Doane college, Crete, Neb.; Frank Root, assistant coach, and O. W. Maddox, a former football player under McMillin at Geneva college, Beaver Falls, Pa. Haylett is head coach of track and will be coach of freshman football. Maddox, as a tackle at Geneva, made the Tri-State conference and Tri-State district all-star teams for two suc-

cessive years. Also expected to assist with football is A. R. "Monk" Edwards, former Aggie end.

UNIFORMS TO SIXTY-THREE

The 63 who have checked out uniforms are as follows:

Halfbacks—E. E. Damaen, Junction City; Marion Evans, Gove; Z. E. Wyant, Topeka; H. R. Weller, Olathe; F. G. Knorr, Savannah, Mo.; J. F. Smerchek, Cleburne; W. H. Meissinger, Abilene; K. A. Boyd, Irving; Alex Nigro, Kan-



ALVIN N. McMILLIN

"Bo" is the new "I will" man of the Wildcats.

sas City, Mo.; G. E. Meredith, Junction City; R. A. Bell, Beverly; Virgil Fairchild, Wichita.

Centers—M. B. Pearson, Manhattan; R. E. Sanders, Burlington.

Quarterbacks—W. E. Platt, Manhattan; Joe Anderson, Salina; M. H. Swartz, Manhattan; Joe Limes, La Harpe.

Ends—Chester Ehrlich, South Cedar; A. W. Broady, Plains; William Bokenkroger, Plains; W. W. Daniels, Luray; R. P. Mason, Cawker City; H. A. Dimmitt, Las Vegas, N. M.; George F. Grafel, Herndon; E. S. Schultz; E. P. Lawrence, Eads, Colo.; C. L. Burch, Manhattan; V. H. Leonard, Richland; William Fowler, Topeka.

Guards—L. C. Fiser, Mahaska; Le Roy Kexley, Chanute; Alfred M. Meyers, Merriam; K. C. Bauman, Salina; T. F. Guthrie, Saffordville; C. O. Tackwell, Manhattan; F. G. Smith, Potwin; R. B. Smith, Herington; C. E. Nutter, Manhattan; E. C. McBurney, Newton; G. H. Errington, Ruliton; J. A. Stewart, Manhattan; E. O. Habinger, Bush-ton.

Tackles—Marion Flick, Goodland; R. J. Campbell, Herington; Frank Edlin, Herington; E. D. Welch, Oswego; John Reed, Manhattan; E. E. Reber, Manhattan; George Lyon, Manhattan; P. E. Brookover; J. J. Yeager, Bazaar; D. M. Telford, Manhattan; E. E. Stockebrand, Yates Center; T. W. Hicks, Norton; W. J. Braun, Council Grove.

Fullbacks—Price Swartz, Everest; A. H. Freeman, Hoxie; Keith Shay, Mil-tonvale.

K. S. A. C. DEANS HELP IN RESEARCH PROJECT

Doctor Justin and Dean Call Visit Six
States to Study Land Grant
Colleges

Dr. Margaret Justin, dean of the division of home economics, and Dean L. E. Call of the division of agriculture at the college, have each recently completed an allotted part of a huge project in research of land grant colleges. They were appointed to make the study last summer by the director of the national bureau of education.

The purpose of the survey, for which an appropriation was made by congress at the request of colleges in the winter of 1926-27, is to determine the methods employed at the various institutions and to make available to the public what these institutions do.

Doctor Justin's study had to do with home economics work at schools in New Mexico, Arizona, California, Colorado, Nevada and Utah. Dean Call's division of study was in research and graduate work. In completing his part of the survey he visited institutions in Nebraska, Colorado, California, New Mexico, Arizona, and Kansas. A comparison of the Kansas State Agricultural college and other institutions which he visited constituted his talk in student assembly in the college auditorium yesterday morning.

'PAMPERED STUDENTS LIKE PAMPERED LAMBS'

BOTH EVENTUALLY GET HELPLESS,
SAYS PRESIDENT FARRELL

W. E. Ireland, of Board of Regents,
Introduced to Students at Opening
Convocation of Sixty-sixth
Annual Session

Self-pampered college students were likened to the hand-fed, pampered lambs of Asia Minor by President F. D. Farrell in his address at the opening college student assembly on Wednesday, September 12. "These lambs are carried back and forth to the grass plots, and stuffed by hand," he said. "Eventually they become completely helpless."

The president asked the question, "Shall We Educate or Pamper?" as the title of his address.

"Sooner or later every college student decides, consciously or unconsciously, whether he is to do one or the other of two opposite things—educate himself or pamper himself," said Doctor Farrell.

"The word educate comes from the Latin *educare*, to lead out or to draw out; to develop inherent powers. Education can come only from within. No instructor, however competent, can supply it. Instructors can inspire, guide, and inform you, but you must educate yourselves.

"The word pamper comes from a Low German word *pampen*, meaning to live luxuriously. This word is related to another, *pampe*, which means 'pap' or 'soft food for infants'."

"The decision that a student makes with reference to these two opposing procedures determines whether he is to live a life of usefulness and happiness or to drag out an existence of unhappiness, futility, and cynicism.

MUST MAKE OWN DECISION

"Nobody but himself can make the decision for the student. He makes his decision when confronted with difficult situations; situations that are difficult physically, mentally, spiritually, or morally."

President Farrell then touched on a few typical situations of the kind confronting students when the latter make the momentous decision.

"The first is the situation requiring that one must work if one is to succeed as a student," he said. "It is extremely important that a student form the habit of doing his work well every day.

"The student who decides to educate himself decides to work, and soon learns to get joy out of working."

Homesickness was characterized by President Farrell as "a normal, brief, and almost universal experience, harmless unless one allows it to cause him to decide to pamper rather than educate himself."

Touching on homesickness "accentuated by failure to be invited to join some organization" President Farrell said, "one must learn to stand on his own feet. If he does this and determines to educate himself, in time he will have opportunity to refuse invitations to join almost numberless organizations."

ECONOMY AN ACHIEVEMENT

The ability to resist the pressure to spend money extravagantly was characterized as "an important achievement."

In closing, Doctor Farrell mentioned "the temptation to commit acts that will embarrass and humiliate the student and bring sorrow to his parents—such as cheating, stealing, and other forms of dishonorable behavior."

"Students who decide to pamper themselves sometimes surrender to these temptations and then immediately become remorseful for themselves and sorry for their parents," he said. "They should think of those things beforehand."

Use of the spiritual guidance of

Manhattan churches was recommended.

The opening assembly came at 11 o'clock on the third day of registration, and the college bell rang out after a month's silence. Following the singing of "Alma Mater" the Rev. B. A. Rogers, student pastor of the First Methodist Episcopal church, of Manhattan, gave the invocation. President Farrell then introduced W. E. Ireland, of Yates Center, member of the state board of regents, to the students.

Usual first week activities followed the opening assembly, except that those for the freshmen were not so concentrated as in the past, and will be spread out over most of the first semester. Freshmen took intelligence tests the first two afternoons.

The assembly opened the sixty-sixth annual session of the college.

INTELLIGENCE QUIZ IS INDICATION OF ABILITY

Colleges Correlate Grades Made by Student in High School With
I. Q. Rating

Tests of reading, reasoning, and mathematical ability were given to 840 freshmen at the Kansas State Agricultural college last week. Results from these intelligence tests are used by the college administrators in advising students and helping them to adjust their work to their capacities.

Scores from the tests are combined with high school grades to give an index of the students' general mental capacity. The predictive value of test scores is shown by the fact that more than two-thirds of all who are elected to Phi Kappa Phi, national honorary scholastic society, rank in the highest one-tenth of college freshmen when ranked according to their intelligence test scores, Dr. J. C. Peterson, professor of psychology, said. Practically none are elected to this society who do not rank in the highest four-tenths. Of those in the lowest one-tenth, two-thirds fail in at least two freshman college subjects.

Grades from the intelligence tests are not sent to the student but are given to him on request. Experiment shows that students who know their test scores do better work than those who do not know them.

Formerly when subjective examinations prevailed in high schools and colleges, high school grades were of little value in predicting college success, but since objective tests have become so widespread in both high school and college there is a much closer agreement between grades in the two. The high school grades show the ambition, energy, and persistence of the student, explained Dr. J. C. Peterson, while these things are not measured by the intelligence tests.

Questions intended to test the students' general knowledge, which have been given in former years, were not included in the tests this year.

RUSSELL IS DIRECTOR OF LARGE AGGIE BAND

Organization of 88 Pieces Has Been
Formed Within Week

Prospects for a successful K. S. A. C. band this year are good, according to Myron Russell, director of the organization. With school in session less than a week, Russell finds he has 88 members working for places in the band. Of these, 47 have played in the organization before this year, and 41 are entirely new.

Russell, who was graduated from the college in 1927, succeeds Prof. R. B. Gordon as director of the Aggie band.

Gladys Suiter Edits Collegian

The Kansas State Collegian, K. S. A. C. student newspaper, will be edited this fall by Gladys Suiter of Macksville. Solon T. Kimball, Manhattan, is business manager.

KANRED YIELDS 27.4 BUSHEL IN 50 TESTS

HAS HIGHEST AVERAGE IN CO-
OPERATIVE PLOTS

Turkey Averaged 27.1 Per Acre, Black-
hull 26.3, Fulcaster 24.2 in Variety
Comparisons All Over
Kansas

With an average yield of 27.4 bushels per acre, Kanred wheat made a higher average production than other varieties of wheat tested this year in approximately 50 test plots in all sections of Kansas. The tests were conducted and the results reported by H. H. Laude and C. O. Grandfield, supervisors of cooperative variety testing for the Kansas agricultural experiment station.

Turkey wheat ranked a close second with 27.1 bushels, while three other varieties grown throughout Kansas yielded as follows: Super-hard Blackhull, 26.5 bushels; Blackhull, 26.3; and Fulcaster, 24.2.

KANRED HAS ADVANTAGE

In the last 16 years Kanred and Turkey have been compared in 679 tests on Kansas farms, in which Kanred has outyielded Turkey an average of 2 bushels annually. In only one year did Turkey yield more, the cooperative test records show. Kanred and Blackhull have been tested together since 1919 in 527 places in Kansas. Blackhull has outyielded Kanred in seven of these years by an average of 1.60 bushels per acre. Fulcaster ordinarily yields less than Turkey and Kanred in central and western Kansas chiefly because it is not as winterhardy and matures later.

The supervisors' report shows that seasonal climatic conditions influenced the yields this year to a great extent. Varied growth last fall due to sectional differences affected the stands of wheat, the stooling of the plants, and the ultimate yield. Generally favorable spring conditions resulted in high yields of wheat in all sections.

BLACKHULL LODGED BADLY

Winterkilling, lodging, and test weight per bushel are shown for the five varieties by the following tables, the figures in columns one and two indicating the number of tests in which winterkilling or lodging was noticed:

Variety	Winter-killing	Lodging	Test weight
Kanred	9	16	58.3
Turkey	11	11	59.8
Superhard Blkhull	24	15	61.3
Blackhull	22	15	61.0
Fulcaster	36	8	58.9

The varieties may be divided into three groups, according to the report. Kanred and Turkey were the hardest of the group, having been injured in only 9 and 11 respectively of 59 tests in which observations were made. Blackhull and Superhard Blackhull were intermediate, being injured in 22 and 24 tests respectively. Fulcaster represents the least hardy group with loss in 36 of the same tests.

TEST EASTERN VARIETIES

These varieties with others were tested in eastern Kansas also. The data on these tests show that Kanred maintained its high yield over eastern Kansas as well as in the main wheat belt of the state. In the south-east and on very fertile or bottom land soil in northeastern Kansas Kanred is not as satisfactory as a good soft wheat.

"Harvest Queen and Michigan Wonder are both well adapted in northeast Kansas," the report says. "They yielded nearly the same—27.1 and 26.6 bushels—this year as they have for four years. Blackhull and Superhard Blackhull averaged the same—25.5 bushels—in eastern Kansas which is in line with previous records."

Yields of other varieties in eastern Kansas were: Turkey, 26 bushels; Poole, 25.5; Fultz, 25.1; Fulcaster, 24.8; and Currell, 23.8.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT.....Editor-in-Chief
C. E. ROGERS.....Managing Editor
F. E. CHARLES.....Associate Editor
J. D. WALTERS.....Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, SEPTEMBER 19, 1928

BUSINESS AS IT IS—AND IS NOT

A business man who a little while ago was a college professor published for his friends a circular letter in answer to their question many times repeated, "How do you like business life?" It is a frank answer and a penetrating criticism of business today made by a man who might have been a social engineer. He says in part:

In business there is no time to develop the power to think—broadly, philosophically. Yes, one may rationalize about business—paint it to be noble and exalting, scripturally perfect—but searching, penetrating thought that embraces life is not consonant with business.

Self-preservation is the driving motive of business. Business is always on the point of being dashed to pieces on the rock of its own overhead. The treadmill must be kept going. The faster the pace, the faster the mill—the faster the mill, the faster must be the pace. There is no time to pause and think. Progress? No, speed!

Thought is a vestigial remain with me. Sometimes I experience a throw-back when thought recovers a momentary power to function. Its illusory vitality vanishes when telephones ring, wires arrive, truckmen call for instructions, dock gangs demand shipping orders, foremen come in with problems for immediate action.

To be sure, we are making improvements. Mechanical changes, modifications in technique, expansion, adaptation to new competitive forces—they are seriously considered and painstakingly developed. They are part of every day's work. We call them constructive. They give play to the high ingenuity of a cross-word puzzle.

But these things are not fundamental. They do not bring order into the chaos of modern enterprise. There is indeed an integration of effort in competitive industrialism. It is forced. Wholesale destruction is concomitant with the trial-and-error course of progress that we pursue. Business centers its mind on its parts. A vision of each part as a function of the whole is essential to truly constructive economic life.

Will business develop this vision? I am skeptical. It is too busy. It does not have time to think.

Recognizing some truth in the criticisms of the satirists who poke fun at the rationalizations of business men who would represent business to be something that it is not, this business man-critic adds that there is no questioning the fact that business men are receptive to worthy public causes, that they are benevolent and humanitarian.

"But this," he cautions, "is but the refined code of warring commercialism just as the feudal knights raised turbulent anarchy to the gallant art of chivalry."

Probably this teacher who has entered business is a little inclined to lean over backwards with his frankness. Certain it is that business today, be it haphazard, wasteful, and unthinking, is attracting some of the best minds of the land. Possibly the dominance of business in western civilization, as at least one profound student of contemporary history believes, is a sign of decline. Members of this society might as well face the facts as they are and make the best of them. If business is the dominating influence in American and European society of today, then dominating minds of this period are likely to be finding satisfaction in business. And the little men, who would have it what it is not and never can be, they will find employment in more romantic trades.

A NEW FEMININE TYPE?

The women have almost standardized good taste in dress. It is rare to see a woman who offends the art-

ist's sense in color and form. I wish I could commend the art with which so many redden their lips with fierce color. Even lovely girls yield to this hideous fashion. It is the mass mood of youth for the moment. It will probably vanish in another year or two. The girls are so naturally charming that they do not need the arts of the demi-mondaine, who must conceal the withering of her freshness. They almost all have an intellectual eagerness. It yet remains to be seen what this eagerness of American women for ideas tends to, what discovery for themselves or for life. I feel at present their eagerness is like bubbles under water, trying to rise, to come to their own natural air. So they may move to the creation of a new feminine type, perhaps hermaphrodite psychically, fusing the intellectual and the emotional. —An impression of America, by AE in the Saturday Review of Literature.

FARM MILLIONS LOST IN WASTE

The essential soundness of the farming business is attested by its ability to flourish in the face of wastes that would wreck any other industry.

Speculate a moment on the situation that would prevail if all or most of the preventable wastes and losses were avoided.

Twenty million dollars' worth of fluid milk a year is rejected and returned to the dairymen who failed to keep it clean and cold, the department of agriculture estimates.

Farm fires, usually caused by lightning, defective heating, or chimneys and carelessness with matches, gasoline, or wiring, all preventable, cost \$150,000,000 a year besides 3,500 farm lives.

No one can estimate the waste of feed and labor involved in giving salable hay and grain to livestock and poultry infested with worms, parasites, and diseases, nearly all preventable. That loss must run into eight or nine figures and two commas.

An enormous total of human labor is dissipated in the cultivation of fields whose returns are low because fertility has been spent without adequate effort to bring it up.

Who can tell how many hours of toil are ill paid because applied to soil that has not been refreshed with legume rotations nor stimulated with commercial fertilizers? Or even how much work is unprofitable because untested and uncertain seeds are sown?

Corn is fed to animals that bring sad returns because it is not properly balanced with protein feeds.

Balanced feeds are wasted because poured into untested cows with scrub ancestry.

Fourteen per cent of the hogman's feed is utterly destroyed because he actually sells only 56 per cent of the pigs farrowed. A dead pig represents a loss of all that he has eaten and a share of the cost of keeping his mother.

Fourteen per cent is not a bad rate of profit.

Another department of agriculture estimate of destruction is appalling, even though conservatism is claimed for the guess that soil erosion carries off \$200,000,000 a year. Practically no farming region is exempt from this loss—look at the streams after a rainstorm!

Most of these destructions of potential farm profits are preventable. —Farm and Fireside.

BOOKS

Journalism and Typography

"Printing for the Journalist," by Eric W. Allen. Alfred A. Knopf, New York. \$2.

When printing from movable types came into use nearly five centuries ago, the printer wrote, edited, and printed his own works, but as time advanced he became absorbed in the mechanics of the profession. Then writers sprang up and while they were ever dependent upon the printer to put their writing into being—the printed word—yet there occurred a chasm, which widened through the years, between the mechanical force and the editorial office and but few writers knew much about the mechanics involved in the process of printing. However, with the growth of schools of journalism the barrier between the printer and

the journalist is rapidly disappearing. The better schools of journalism require of their student a knowledge of printing, and though many textbooks on typography have appeared in recent years, it remained for Prof. Eric W. Allen, dean of the school of journalism at the University of Oregon, to write a book that is the nearest approach to a practical text for use in typography courses where the course correlates that in journalism.

In this book, "Printing for the Journalist," the author has succeeded to an amazing degree in giving a fine treatise on such subjects as, "The Reporter's Contact With Printing," "Hand Composition," "Machine

adding \$20,000 to the appropriation for a new postoffice at Manhattan, making the total amount \$70,000.

The agronomy department sent a shipment of samples of various grains to the government experiment station of Peru, South America.

Because THE INDUSTRIALIST was not published in September in the years 1908 and 1898, items are taken from the June files of twenty years ago and the July files of 30 years ago.

THIRTY YEARS AGO

An issue of the Forum contained an article on "Some Recent Municipal Gas History" by Professor Bemis.

Miss Emma E. Glossop, '83, accepted the principalship of the Lex-

An Autumnal Pageant

F. D. Farrell

Before the end of September, several hundred thousand boys and girls will have trooped onto the campuses of American colleges for an experience of college education. They come from farms and ranches and villages and cities, and from homes good, bad, and indifferent. They arrive at the college towns in Pullman cars, in day coaches, and on freight trains. They come in motor cars varying from luxurious models to stripped, bedaubed and rattling Fords. They come on horseback and on foot. Some of them have altogether too much money. Some have barely enough, in hand or in sight, to defray necessary expenses. Some have only a hundred, fifty, twenty-five dollars, and some have nothing but a strong desire to get an education and a sublime faith in their ability to find ways and means. Some will spend a hundred, two hundred, five hundred dollars a month while in college. Others will wash dishes, sweep floors, feed pigs, or press clothes for a bare living.

The arrival of this stream of students at the colleges each year is an autumnal pageant. Sartorially they represent every color of the rainbow and every fashion that has prevailed in this country since, say, 1920. Most of them are healthy, athletic, fun-loving and self-confident. They represent a wide diversity of religious, social, political, and economic opinion, belief and background. Their ambitions are vague and variable but high and hopeful. They are a cross-section of the upper seventy-five or eighty per cent of the most heterogeneous national population in the world. One thing they have in common is youth. And that is sufficient.

The problems involved in helping these young people to prepare themselves to live intelligently, usefully, and happily are numerous and difficult. To struggle with these problems makes college deans and college professors grow old prematurely, and yet, paradoxically, to remain perpetually youthful. The problems of education are supremely important. They never are completely solved because the stream of youth is forever new and changing. Because it deals with these problems and with youth, the profession of teaching is one of the most difficult, interesting, and worthy of all the professions.

Composition," "Making Up," "Nomenclature of Type," "Saving Trouble in the Composing Room," "Expression Through Type," "Criteria of Good Printing," and other subjects.

"In this volume," says Mr. Allen in his preface, "a definite effort has been made to retain throughout the point of view of the smaller paper: the daily with a circulation of less than 10,000 and the weekly paper of 1,500 to 5,000. To become master of such an organization some knowledge of printing is necessary."

"Printing for the Journalist" is one of a group of the Borzoi journalism handbooks being published under the editorship of Nelson Antrim Crawford, former head of the department of industrial journalism and printing at the Kansas State Agricultural college, now director of information in the United States department of agriculture at Washington, D. C. —E. M. Amos.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Miss Sara Chase and Lieutenant Theodore Yost of LaCrosse, Wis., were married.

F. D. Farrell became dean of agriculture and Helen Bishop Thompson dean of home economics.

E. K. Emslie, '12, photographer in extension service at Ohio State university, visited the college.

TWENTY YEARS AGO

President Roosevelt signed the bill

ington, Ill., high school for the following year.

E. F. Nichols, '88, a former professor of physics at Colgate university, accepted a similar position at Dartmouth college.

George Sexton, who had been farm foreman at the college, conducted an experiment station under Professor Georgeson, in Alaska.

FORTY YEARS AGO

Professors Cottrell, Marlatt, Mason, and Shelton attended the state fair.

Lithological specimens were sent to the college museum from Russell and Dodge City by Frank Ames and Colonel N. B. Klaine.

Professor Walters presented a paper on "Industrial Art" before the industrial section of the State Teachers' association at its meeting.

FIFTY YEARS AGO

H. F. Coe and Miss Dora Kinsey were elected editors of the Gleaner, the Alpha Beta publication.

Prof. W. L. Hofer, instructor in music at the college, was highly complimented for his talent in music in a letter received from the Rev. N. M. Clute, of Charles City, Ia.

Young men are fitter to invent than to judge, fitter for execution than for counsel, and fitter for new projects than for settled business. —Francis Bacon.

THE SOLITARY

Sara Teasdale

My heart has grown rich with the passing of years,
I have less need now than when I was young
To share myself with every corner,
Or shape my thoughts into words with my tongue.

It is one to me that they come or go
If I have myself and the drive of my will,
And strength to climb on a summer night
And watch the stars swarm over the hill.

Let them think that I love them more than I do,
Let them think I care though I go alone,
If it lifts their pride, what is it to me
Who am self complete as a flower or a stone?

SUNFLOWERS

H. W. D.

HONESTLY, NOW—

Once more the school bell has rung. Youth is once more being formally educated in the mill designed and set up by those who pretend to know.

Ere now every youngster has been told—maybe two or three times—that he and he alone can do the educating. After all, books and laboratories and teachers avail nothing unless the boy or girl chooses to learn. At least the teachers admit as much.

Then, having admitted that they themselves amount to only a little, the teachers set about to organize and control and stimulate and repress and shield and expose their charges as if—well, as if Teacher were all-wise and wholly responsible.

Now we have no quarrel with Teacher. If he knows what he believes and believes what he says, there is no reason for arguing with him or about him. We suspect that he is only repeating what he has heard some superintendent or supervisor say, and that he does not really think it all depends upon the boy or girl.

If it all depends upon the learner, this beloved democracy of ours has shot a lot of precious money at the moon. We don't believe that everything depends upon the learner and we might as well quit trying to pretend that we do. About half our tax money goes into schools—and schools mean costly buildings, laboratories, libraries, teachers, and supervisors who go about telling students that they can learn just as much on the end of a log as they can in the finest laboratory or library conceivable.

America believes in trying anything that promises to assist young America in learning. Each year hundreds of schemes to make the task of becoming a grown-up citizen a little smoother and a little more efficient are tried out. Vast sums of money are dumped into foundations and endowments, and research problems in the field of learning are tried out by the thousands.

Besides all this, America can set up more machinery for controlling these students who must rely entirely upon themselves—more of such machinery, we believe, in one day than she can operate in a year. America believes that her young people have a right to the best influences—not only that they have a right to them but also that they must submit to them.

Personally, we have never known an individual who succeeded in convincing us that he believes that everything—or most of it, for that matter—depends upon the learner. We have heard hundreds of individuals say it, but their words did not take.

America—the school-teacher part of it, at least—believes strongly in environmental influence and environmental control, and we might as well be honest with the boys and girls about it and admit that we are going to try everything we can think of that promises to make their growing up an efficient process.

After we have said all that, there will be plenty of time to warn them that everything depends upon the learner.

AMONG THE ALUMNI

George S. Davis, '24, is resident engineer at Bennington.

Carl C. Long, '08, is now located at 10507 Almayo avenue, Los Angeles, Cal.

Roy W. Jones, '28, is teaching in a new \$1,250,000 high school in Alexandria, La.

Roy Eckart, '22, has moved from East Las Vegas, N. M., to 720 North Tenth street, Raton, N. M.

Agnes (Flanders) Baker, '20, is located at 1412 W. Eleventh street, Apt. 1, Oklahoma City, Okla.

Newton Cross, '28, is doing research work for the Ferry-Hanly advertising agency of Kansas City.

Helen J. Batchelor, '27, is attending Chicago university this year. Her address is 5756 Dorchester avenue.

P. C. Vilander, '11, and Bessie (White) Vilander, '10, are living at 1741 Gundry avenue, Long Beach, Cal.

Benjamin R. Coonfield, M. S., '27, is working toward his doctor's degree in zoology at Harvard university.

Margaret Howe, '25, is principal of the Clyde high school. This is her fourth year with the Clyde schools.

Floyd Decker, '27, has accepted a position in the department of electrical engineering at the University of Arizona.

P. McDonald Biddison, '04, has opened an office as consulting engineer at 618-619 Bernhardt building, Monroe, La.

John H. Tole, '24, is working for the Westinghouse Electric company in Memphis, Tenn. His address is 147 N. Rembert.

Vesta Duckwall, '28, has been employed as advertising manager for the Piques and Wright department store at Hutchinson.

Lloyd A. Gates, '26, is a lighting specialist for the General Electric company in Walnut Park, Cal. His address is 3012 East Grand street.

A. G. Hotchkiss, '26, visited his parents in Manhattan while on vacation from work with the General Electric company in Schenectady, N. Y.

Alan Dailey, '24, has resigned his position with the University of Idaho to become extension editor for the State Agricultural college at Brookings, S. D.

Harold V. Rathbun, '27, visited relatives in Manhattan during the summer. He is employed by the General Electric company at Schenectady, N. Y.

Charlotte Swanson, '26, spent last summer touring Europe with a group of art students. Miss Swanson is with the art department of Albion college, Albion, Mich.

Melville Thompson, '25, received his master's degree in business administration from Harvard university this summer. He is the son of Eusebia (Mudge) Thompson, '93.

Hazel Lee Moore, '27, has completed her course in the School of Retailing in New York City and taken up work in Evanston, Ill. Her address is 1102 Davis street.

Abbie Clair Dennen, '21, M. S., '28, is in charge of the testing of household equipment for the Sears Roebuck company of Chicago. Her address is 4349 Gladys avenue.

Alice Miller, '27, is a dietitian in the Presbyterian hospital at San Juan, Porto Rico. She finds the island very interesting and equipped with all the modern conveniences found in the states.

Esther E. Christensen, '08, has resigned as head of the Y. W. C. A. cafeteria in Topeka to accept a position with the John P. Harding Restaurant company of Chicago. She is living at 21 S. Wabash.

Harrison R. Anderson, '11, pastor of the First Presbyterian church of Wichita, has accepted the offer to become co-pastor of the Fourth Presbyterian church of Chicago. Mrs. Anderson was Margaret Blanchard, '14.

Susan E. Millier, '23, received her master's degree from Iowa State college this summer. She has left her

home in Tarkio, Mo., and gone to Norman, Okla., where she is in the department of home economics at the state university.

Paul E. Chappell, f. s., cadet in the United States military academy at West Point, has been made a "distinguished cadet" by the academy board in recognition of having attained a scholastic rank of 92 per cent or above.

Renna Raeburn, '23, sailed July 20 for China where she will teach English in National Kwangtung university in Canton. For the past three years Miss Raeburn has been in the English department at K. S. A. C. and taken a prominent part in dramatic productions on the Hill.

MARRIAGES

HOYT-HAINES

The marriage of Nannie Hoyt, f. s., and Joe Haines, '27, took place in Colorado Springs June 13.

HATTERY-HARDEN

Mr. and Mrs. Charles Hattery have announced the marriage of their daughter, Louise, '26, to Leonard Harden, '26.

WILLIAMS-AVERY

On June 10, Alice Louise Williams, '27, of Conway Springs was married to Dustin Avery, '26, of Wakefield. Mr. and Mrs. Avery are making their home in Cincinnati, Ohio.

JONES-HERR

The marriage of Esther Jones, '26, of Keats and Floyd Herr, '26, of Medicine Lodge took place at the home of the bride's parents July 1. Mr. and Mrs. Herr are at home at Argonia.

SHEPHERD-McMAHAN

Announcement has been made of the marriage of Helen Shepherd, f. s., to John McMahan of Manhattan July 1. Mr. and Mrs. McMahan are living at the Tull apartments in Manhattan.

BROOKS-BARR

Mr. and Mrs. Tom Brooks of Manhattan announce the marriage of their daughter, Dorothy, f. s., to Lovell Barr, '27, June 27. Mr. and Mrs. Barr are residing on a farm near Manhattan.

TRACY-LUKE

The marriage of Esther Tracy, '26, to Dr. John Luke, Kansas university, took place at the home of the bride's sister near Junction City June 24. Dr. and Mrs. Luke are at home in Kansas City.

SALISBURY-RUMOLD

Announcement has been made of the marriage of Rillah Mae Salisbury of Chillicothe, Mo., to Perle Rumold, '25, of Kansas City. They will make their home in Kansas City where Mr. Rumold is an engineer with the Novedel Flour Bleach company.

BIRTHS

Alfred Apitz, '16, and Esther (Folsom) Apitz, announce the birth of a son, Alfred Carroll. Mr. and Mrs. Apitz live in Chicago.

Fred D. Allison, '25, and Elizabeth (Morrison) Allison, f. s., announce the birth of their daughter, Virginia Marygene, June 20. Mr. and Mrs. Allison live in Abilene.

George P. May, '11, and Ruby (Custer) May, f. s., announce the birth of a son August 11. Mr. May is manager of the East St. Louis Light and Power company.

Dr. D. N. Cash, '25, and Annetta (Rust) Cash, f. s., announce the birth of their son, Norris Dodds-worth, jr., June 4. Dr. and Mrs. Cash live in Santa Ana, Cal.

Merville Larson, '27, and Hazel (Popham) Larson, f. s., announce the birth of their daughter, Shirley Jean, August 6. Mr. Larson is an instructor in the Manhattan high school.

LOOKING AROUND

We regret to announce that R. L. Foster, '22, who has served us as executive secretary of our alumni association for the past four years, resigned that position in July and left Manhattan August 1. He is now in St. Louis, Mo., where he is employed by the Missouri Pacific railroad as assistant to the director of the agricultural development department of the Missouri Pacific.

Mr. Foster was generally appreciated for his tactful and efficient work as secretary of our association and for his clever editing of our alumni news columns. His hand will be missed from the pages of THE INDUSTRIALIST.

A committee composed of Ralph Snyder, president of the alumni association, Dean R. A. Seaton, retiring president, and Dr. W. E. Grimes, treasurer, are searching for a successor to Mr. Foster. A number of persons are being considered for the position of executive secretary, and the committee hopes within the next two weeks to find the right man for the place.

—The Committee.

DEATHS

Jolley

Louis Burton Jolley, '01, died at his home in Chicago August 1. He was a successful and well known physician of North Chicago. He is survived by his wife, Bertha (Evans) Jolley, f. s., and four children.

Forrester

Miles Forrester, f. s., young Manhattan druggist, was drowned in the Kaw river south of Manhattan while attempting to rescue his over-turned canoe last June 24. His body was recovered several days later near Wamego. He is survived by two sisters and four brothers among whom are Forrest B. of Manhattan and Addison, '24, of Boston.

Mustard

Alice Helen Mustard, '21, died in New York City, July 15, following an operation. She had gone to New York to attend the summer session at Columbia university. Miss Mustard was to have taken up the work as director of the college cafeteria in September. For the past two years she served as assistant professor of institutional economics at K. S. A. C. Burial was beside her mother in Sunset cemetery at Manhattan.

DO YOU KNOW WHEN YOUR CHILD GROWS?

Ethel Justin Marshall Analyzes Records Obtained on 1,000 Kansas Youngsters

Just why should children grow thin and lanky in the spring? This is a question that has long been asked, without answer. But some insight into the causes are seen in a study of seasonal variation in growth of school children made by Ethel Justin Marshall in the division of home economics of the Kansas State Agricultural college.

Previous to the studies made with Kansas school children, the scientist Godin published a report of observations in 1902 in which he decided that children's growth proceeds in alternating periods of growth in height, then gain in weight. Again in 1920 several scientists found that greater gains in weight were made from September to February, rather than from February to September.

From data on 1,000 Kansas school children in the first six grades it was found that they made more than two-thirds of the year's gain in weight during the fall half of the school year. Boys showed a greater variation than did girls, making 71 per cent gain in the fall to the girls' 67 per cent.

Expressed in pounds, the actual average gains in weight were for the boys, 3.63 from September to January, and 1.43 pounds from January

to May. During this time the girls gained 3.38 pounds from September to January and 1.62 pounds from January to May. Growth did not proceed evenly from month to month and there was quite a little variation in the different grades. However, all did show the gain of two-thirds the year's weight before January.

The rate of gain starts at the high point of 1.2 pounds average gain per month for all children in September. It decreased steadily showing an average rate of but .4 pounds in December. It increased to nearly a pound again in January then decreased to an actual average loss in April and May.

Since it has been generally decided that the spring loss in weight is due to diseases, records were studied to discover if possible if any relationship existed between diseases and loss of weight. Though there were many cases of whooping cough, scarlet fever, influenza, and measles in each school during the spring months, these children on their return to school showed an actual increase in weight. It was thought probable that this gain might be due to the rest and special care during sickness.

Four possible causes of the variation shown in the charts were suggested:

1. Alternation of periods of rapid growth with periods of slow growth, or perhaps of gain in weight alternating with gain in height, according to some natural law.

2. Conditional factors, seasonal in effect, and including diet, housing, clothing, and activity.

3. Climatic conditions, including variable weather, including long continued heat or cold and the amount of sunshine.

4. Cumulative effect of conditional and climatic factors.

The fact that a greater number of children show retardation in the spring, points to this season as the one in which retardation normally occurs. Among other observations made were:

That cold weather affected children from poorer homes since much energy which might otherwise be used for growth was needed to meet the sharp changes in the weather.

No retardation in activity during various seasons was noticeable; however, there were many more school entertainments during the spring than in the fall and these serve to keep children under a certain tension.

It would seem possible that the long hours of sunshine during the summer months would provide the child with a reserve of a stimulating factor which would result in greater gains in the fall than in the spring.

Tens Wander Back

Four members of the class of 1910 visited in Manhattan during the week of August 13. Coming from three directions they claim it was accidental that they should visit the alumni office the same day. Lillian (Clemmons) Steffy, '10, and Walter H. Steffy, f. s., Seattle, Wash., passed through Manhattan on their way home from an eastern trip. Their three sons accompanied them. Fred H. Schreiner, '10, of Memphis, Tenn., found many changes in his alma mater since his last visit in 1913. His two sons came north with him. Lucile (Forest) Wilson, '10, and Floyd E. Wilson, '10, of Norfolk, Neb., visited friends in Manhattan.

Finds Philippines Interesting

Erma Currin, '25, is beginning her third year as a teacher of English in the Philippines. She has been transferred from Ilocos Norte to the most northern province that American teachers are sent and will teach junior and senior English in the normal school there. Miss Currin writes that the climate greatly resembles a Kansas July or August but that the many interesting associations more than compensate for the warm climate. Her address is Iloilo, Iloilo, Philippine Islands.

Sumner Leaves K. S. A. C.

H. R. Sumner, '16, resigned his position as extension agronomist at K. S. A. C. to accept the directorship of the Northwestern Crop Improvement association with headquarters in Minneapolis, Minn. While connected with the college here Mr. Sumner has achieved a national reputation as director of the wheat belt program.

RECENT HAPPENINGS ON THE HILL

The sales campaign for the 1929 Royal Purple was launched last week by Joe Anderson and Ralph Lashbrook, business manager and editor, respectively, of the year book.

Miss Frances Schepp of Manhattan has accepted a position with R. L. Faulkenberg and company, architects, of Kansas City. Miss Schepp was the first girl to graduate from the architectural department of K. S. A. C.

Dean Justin announced the receipt of a scholarship from Montgomery Ward and company. The scholarship, which is in reality an endowment, will amount to about \$900, and is for graduate work in the direction of the company.

Radio station KSAC started on its regular program of broadcasting from six to seven hours of programs daily. The following will be in charge of programs this year: Prof. L. P. Washburn, L. L. Longsdorf, and Prof. H. W. Davis.

The "cut" privilege will be extended this semester to 176 juniors and seniors whose names were announced by President F. D. Farrell. This privilege is given to all seniors and juniors who have made a "G" average during the spring semester.

Phi Kappa Phi, national honorary scholastic fraternity, elected the following to membership during the past summer: Dorothea Dowd, Kalamazoo, Mich.; Burtis Ellis Horrall, Manhattan; Roy Winfield Jones, Bartlesville, Okla.; May Irene Bailey, Council Bluffs, Iowa; and Everett Duane Sayles, Stockbridge, Mich.

Beginning with this semester, K. S. A. C. will use the more uniform system of grading which has been adopted by most other colleges and universities. The old system of "E, G, M, P," and "C," will be replaced by "A, B, C, D," with the abbreviation "con" taking the place of "C" for condition, and "F" denoting a failure.

Ruth Fertig, Pullman, Wash., has been elected secretary of the Y. W. C. A. for the coming year, taking the place vacated by Ethlyn Christensen, who returned to Laramie, Wyo., to work toward a master's degree. Miss Fertig is a graduate of Mount Holyoke college, South Haven, Mass., and prior to her coming here, taught in the state college at Pullman, Wash.

Through the efforts of Dean R. A. Seaton of the engineering division, students of K. S. A. C. may receive five LaVerne Noyes scholarships. These scholarships are for students who have served America in the World war or who are direct descendants of World war veterans of the United States. The purpose is to express the gratitude to, and in a slight degree to reward those who offered the supreme sacrifice.

Eleven girls were honored just before commencement time by being chosen from the junior class to become members of Mortar Board, national honorary society for women prominent in all school activities. The girls so honored were Esther McGuire, Louise Child, Helen Cortel-you, Agnes Bane, Ruth Frost, Dorothy Alice Johnson, Gladys Suiter, Dorothy Lee Allen, Lenore McCormick, Mabel Paulsen, and Nadine Buck.

Phi Alpha Mu, women's honorary society in general science, ranked first in the scholarship contest for the spring semester of 1927-28 according to reports from the office of the registrar, with Omicron Nu, home economics honorary, second, and Phi Delta Kappa third. Beta Phi Alpha took first among the sororities with an average of 84.93 and Alpha Xi Delta had second place, averaging 84.66. Among the fraternities Farm House jumped from fourth to first place, followed closely by Phi Lambda Theta.

CONFERS 117 DEGREES AT SUMMER EXERCISES

**DR. CHARLES HUBBARD JUDD OF
CHICAGO U. IS SPEAKER**

**"Education and Social Inheritance" Is
Title of Address; Bachelor's De-
grees to 88, Master's to 28;
Eight Earn Honors**

The person who receives a college education owes a debt to society, Dr. Charles Hubbard Judd, director of the school of education at the University of Chicago told 117 candidates for degrees at the fourth annual summer school commencement exercises in the college auditorium the night of August 1. "Having received the benefit of an education, you should share it with other people, and thus help to fulfil your obligation," he said.

Of the candidates who received degrees, that of bachelor of science was conferred on 88; of master of science, on 28, and the professional degree in engineering on one.

Following the processional "Triumphal March" from "Sigurd Jorsalfar" (Grieg) played by the college orchestra, the invocation was given by the Rev. Arthur M. Reed, pastor of the United Presbyterian church of Manhattan. A college quartet composed of Miss Marjorie Schobel, Mrs. L. H. Limper, Prof. Edwin Sayre, and Prof. William Lindquist, sang "Achieved is the Glorious Work."

The subject of Doctor Judd's address was "Education and Social Inheritance."

HONORS TO EIGHT

Honors were awarded as follows:

Division of agriculture, honors, Morris Halperin; division of engineering, honors, Vernon Lee Pierce; division of home economics, high honors, Myra Theima Potter; honors, Mary Frances Reed and Frances Harriet Cunningham; division of general science, high honors, Lester Allen Kirkendall; honors, Opal Frances Osborn and Ruth Aileen Burkholder.

Formal presentation of degrees on behalf of the college was made by Dr. Julius Terrass Willard, vice-president.

Those receiving degrees were as follows:

Bachelor of science in agriculture: Ernest Benjamin Coffman, Manhattan; Everett Wayne Frey, Manhattan; Morris Halperin, Manhattan; James Harold Kirk, Scott City; Everett Lynn McClelland, Manhattan; George Edward Marshall, Bonner Springs; John Ross Moyer, Hiawatha; Willis Frank O'Daniel, Westmoreland; William Henry Schindler, Valley Falls; George B. Wagner, Eskridge; Wirt Dudley Walton, Leavenworth.

Bachelor of science in civil engineering: Emmons Leslie Arnold, Marysville; Charles Beatty Ault, Jr., Brownell; Raymond Earl Dunnington, Manhattan; Ronald Dale Finney, Topeka; Harold Donovan Grothues, Ellsworth; Thomas Elmore McCarty, Wichita; Elmer Quentin Mell, Wetmore; Vernon Lee Pierce, Kansas City; Earnest Othello Scott, Elgin; Oren Logan Shelley, Wichita.

Bachelor of science in electrical engineering: Joseph Earl Cress, Manhattan; Dean Lewis Dutton, Alta Vista; Ralph Waldo George, Wichita; John Comer Noble, Newton; John Edward Schrock, Wilmore; Frank William Shaw, McPherson; Arthur Wasson, Peru.

Bachelor of science in mechanical engineering: Martin William Pommerenke, Clay Center.

TWENTY-FOUR IN HOME EC.

Bachelor of science in home economics: Ruth Elizabeth Barnhisel, Wichita; Mary Elizabeth Brandly, Manhattan; Helen Marie Clydesdale, Gaylord; Nettie Dolores Cdrash, Marquette; Gladys Dallas Freeborn, Harveyville; Marguerite Velma Harper, Emporia; Ora Adelia Hatton, Bunkerhill; Esther Louise Johnson, Kansas City; Edith Seavey Martin, Manhattan; Ruth Ann Morgareidge, Manhattan; Margaret Ilene Naylor, Manhattan; Jennie Viola Nettrouer, Manhattan; Ruth Jeannette Peck, Manhattan; Myra Thelma Potter, Mulvane; Mary Frances Reed, Holton; Frances Gertrude Robinson, Hays; Thelma Ruby Sauberli, Lyons; Inez Irene Spear, Bushong; Dorothy Louise Stewart, Omaha, Neb.; Martha Eldana Stewart, Frankfort; Mary Lena Stutz, Manhattan; Ella Henrietta Webb, Kansas City; Abigail Katherine Welker, Coffeyville; Mildred Ermine Werts, Republic.

Bachelor of science in home economics and nursing: Frances Harriet Cunningham, Hazelton.

Bachelor of science: Mary Leola Beyer, Arrington; Lee Ella Blake, Kansas City; Lucille Beatrice Burt, Scott City; Dawn Daniels, Manhattan; Paul Willard Freeburg, Wells; Ferdinand Todd Goodfellow, Hutchinson; Ferne Elizabeth Harsh, Cassoday; Lester Allen Kirkendall, Oberlin; Aubrey Erskine Lippincott, Fort Riley; Charlotte Viola Mathias, Manhattan; Leslie Eugene Moody, Ogden; William Nathaniel Moreland, Manhattan; Merle Dallas Morris, Manhattan; Opal Frances Osborn, Partridge; Marguerite LeOra Peterson, Leonardville; Marie Elsie Sargent, Riley; Esther Marie Teasley, Manhattan; Dorothy Viola Westcott, Manhattan; Amy Bernice Winget, Garden City; Claude Jennings Winslow, Tonganoxie.

Bachelor of science in industrial journalism: Lois Shouse Benjamin,

FOOTBALL SCHEDULE 1928

Sept. 29—Bethany at Manhattan
Oct. 6—Okla. A. & M. at Stillwater
Oct. 13—Hays Teachers at Manhattan
Oct. 20—Kansas U. at Manhattan
Oct. 27—Oklahoma U. at Norman
Nov. 10—Missouri U. at Manhattan
Nov. 17—Iowa State at Ames
Nov. 29—Nebraska at Lincoln

Kansas City; Carl Ralph Feldmann, Sabetha.

Bachelor of science in rural commerce: Harold John Dayhoff, Abilene; James McNair Douglass, Burlington; Velmar Edward Gagelman, Great Bend; Carl Oscar Nelson, Jennings; Simon Walter Scott, Kansas City; Paul Alonzo Skinner, Manhattan; Arthur Raymond Stark, Chadron, Neb.

Bachelor of music: Ruth Aileen Burkholder, Wamego; Marion Gibbonney Kirkpatrick, Manhattan; Wilda Aileen Rhodes, Manhattan.

Bachelor of science in industrial chemistry: Willis Lysle Owen, Douglas.

MASTER'S DEGREES TO 28

Master of science: Cyril Edward Abbott, Elgin, Ill.; William Gerald Amstein, Deerfield, Mass.; Bernard Martin Anderson, Manhattan; Mary Irene Bailey, Council Bluffs, Iowa; Benjamin Philip Bowman, Baldwin; Edward Albert Clawson, Columbus; Edith Noken Cross, Manhattan; James Louis Culbertson, Hobart, Okla.; Dorothea Ruth Dowd, Kalamazoo, Mich.; Nellie Geraldine Fletcher, Pawnee City, Neb.; John Forrest Garner, Manhattan; Burtis Elliott Horrell, Manhattan; Lillie Marie Johnson, Walsburg; Roy Winfield Jones, Bartlesville, Okla.; Karl Knaus, Menominee, Mich.; Aldene Scantlin Langford, Manhattan; Sarah Morris, Manhattan; Margaret Elizabeth Raftering, Hutchinson; Karl Thorsten Risty, Manhattan; Cecil Reed Ryan, Kansas City, Kan.; Everett Duane Sayles, Stockbridge, Mich.; Henry William Schmitz, Manhattan; Mabel Manghild Swanson, Manhattan; Alene Hildberger Theisner, Manhattan; Bess Marie Vlemont, Lafayette, Ind.; Glen Chase Ware, Manhattan; Theodore Roosevelt Warren, Manhattan; Clell Burns Wisecup, Manhattan.

Professional degree in engineering: Stanley Albert Smith, Pullman, Wash.

HOME ECONOMICS ADDS NEW PRACTICE HOUSE

**Second Practical Training Laboratory
Named to Honor Ula Dow, Former
K. S. A. C. Instructor**

As a result of increased enrolment in the practice course in household management, Ula Dow cottage was started as a practice house in the division of home economics last summer. It is planned to operate it as nearly as possible on an income level of \$1,800 a year for a family of five. The older practice house, the Ellen Richards Lodge, is maintained at an income level of \$3,600 a year.

The new home is named in honor of Miss Ula Dow, formerly instructor in foods at K. S. A. C. but now head of the department of foods and nutrition at Simmons college. Both houses are under the general supervision of Miss Myrtle Gungelman of the department of household economics.

Senior and graduate students who have completed the required prerequisites are eligible to the six weeks course during which they put into practice knowledge gained as to food requirements and the preparation of balanced meals. Actually living in the home and being responsible for buying supplies and preparing the meals for a family makes this knowledge a vital part of a girl's working equipment, according to Miss Gungelman. Here she may learn to apply principles of sanitation and general health to the living conditions of a family. In effect, the students practice on themselves.

Stage Riley County Meet

Alumni and former students of Riley county held their annual Labor day picnic on September 3 in the grove east of the college auditorium. A basket dinner at noon was followed by a baseball game and horse-shoe pitching. The Manhattan city band under the direction of Harry Brown, '98, played during the afternoon. C. M. Correll, '00, served as chairman of the general committee and was assisted by Jenny (Edelblute) Smethurst, '00, eats committee; Ed Amos, '02, publicity, and Frank L. Myers, '24, games. Approximately 250 attended the picnic.

Officers of the Riley County Alumni association for the coming year were elected at a short business meeting. W. H. Sanders, '90, was elected president to succeed Emma (Knotman) Huse, '80. Harry W. Johnston, '99, and Fred Marlatt, '87, were re-elected vice-president and secretary-treasurer, respectively.

LOAN FUND HELPS 40 TO CONTINUE STUDIES

**GIFTS AND MEMBERSHIPS NOW
MORE THAN \$15,000**

**Graduates, Helped Through by Alumni
Loans, Pay Up and Add to Total
—Interest Pays Annual
Dues of Giver**

More than forty students now in school are here because of assistance received from the alumni loan fund, records in the secretary's office show. For the most part these are juniors and seniors who could not complete their college work unless they could borrow funds to pay their necessary expenses.

LOANS MADE AT SIX PER CENT

The alumni loan fund consists of life membership fees from alumni and of gifts from alumni and friends of the Kansas State Agricultural college. Life memberships are \$50 each and this sum is put into the alumni loan fund and loaned to needy students. These students pay 6 per cent interest which is used for maintenance of the alumni office. The loan fund has increased from less than \$3,000 five years ago to more than \$15,000 at the present time. It is being increased at the rate of from \$3,000 to \$4,000 yearly by payments on life memberships.

During the last school year approximately 100 students, the majority of whom were seniors, received aid from the fund. These seniors are now taking up their varied lines of work and are making payments on their loans and in this way returning the funds so that they can be loaned again to students who are in school.

THOSE HELPED PAY UP

Those alumni who borrowed from the fund while they were in school almost without exception take out life memberships in the alumni association and in this way help to provide for others the advantages which they found so useful while in school. In making their final payment they invariably speak their appreciation of the loan fund and of their desire to contribute to it in the future.

Applications for loans are considered by the alumni loan fund committee consisting of Prof. Albert Dickens, Miss Margaret Ahlborn, Miss Nellie Aberle, Prof. L. M. Jorgenson, and Dr. W. E. Grimes, chairman and treasurer of the K. S. A. C. Alumni association.

SLIGHT INCREASE IN COLLEGE ENROLMENT

**Veterinary Medicine, Ag Engineering,
and Flour Mill Engineering
also Take Jump**

Total enrolment in the college for the fall semester has almost exactly kept pace with that of a year ago this fall. On Tuesday, September 18, eight days after the opening of registration, the total enrolment was 2,844, as compared with 2,843 on the corresponding date the year before.

Most striking was the increase in enrolment of freshmen in the division of agriculture, which increased 56 per cent. Junior and senior enrolment in the division of agriculture also increased slightly, while the sophomore enrolment decreased slightly, leaving the total increase in the division at about 10 per cent.

There were 156 freshmen, 57 sophomores, 67 juniors, and 52 seniors enrolled in agriculture at the close of registration, a total of 332.

The division of veterinary medicine also showed an increased enrolment, the total being 77. There were 28 freshmen enrolled, as compared with 18 last year.

Both agricultural and flour mill engineering showed increases of more than 50 per cent.

"The freshman enrolment in veterinary medicine is higher now than in 1920, when the government was sending war veterans to college," said Dean Ralph Ralph Dykstra.

"The increase in enrolment in agriculture indicates an improved agricultural situation," said Dean L. E.

Call. "It shows a more hopeful attitude toward farm life."

A total enrolment of 838 was reported in the engineering division at the close of registration September 12, which was 14 less than a year ago. Several departments showed gains, the chief loss being in the department of electrical engineering, the largest in the division, and in the course in chemical engineering.

No figures were available on the enrolment in general science or in home economics.

DOCTOR JUSTIN HEADS NATIONAL ASSOCIATION

**Home Economics Group Elected K. S.
A. C. Dean President at Annual
Meeting During Summer**

Doctor Margaret Justin, dean of the division of home economics at the Kansas State Agricultural college, was elected president of the American Home Economics association at that organization's annual convention, June 25-29, in Des Moines, Iowa. She is the first representative of the Kansas college ever to be elected to this position.

Since her graduation from K. S. A. C. in 1909 Doctor Justin has worked in various fields. For four years she did settlement work among the hill people of Mississippi. This was followed by a year's study at Columbia university to obtain her master's degree. She then became leader of home demonstration agents in northern Michigan. During the World war Doctor Justin served as a Y. M. C. A. hostess in France. Following the war she worked toward a doctor's degree which was granted her in 1923. In that year Dr. Helen B. Thompson vacated the deanship of the K. S. A. C. division of home economics and Doctor Justin succeeded her.

In addition to furthering the development of the home economics division Doctor Justin has been active in home economics work in the state and nation. During the last year she was chairman of the national committee on rural home management and has been a member of other important committees. She was counselor for the affiliated home economics associations of Kansas and recently made a home economics survey for the federal bureau of education in New Mexico, Arizona, Utah, California, Nevada, and Colorado.

COLLEGE HORSES AND SHEEP PLACE AT FAIR

**Win Many Ribbons on Percherons and
Belgians and Dozens of Prizes
on Flock**

Livestock shown by the Kansas State Agricultural college at the state fair in Topeka last week took high placings in various classes and departments, according to Dr. C. W. McCampbell, head of the college animal husbandry department. College horses and sheep were entered.

Twelve horses took as many placings and in addition, several championships. In the Percheron classes the college animals won third and fourth places in the class for yearling stallions, first and fifth in the class for weanling stallions, and in the mare class first prize on three-year-olds, third prize on two-year-olds, and first prize on yearlings. In addition the college showed the senior champion Percheron mare and the reserve grand champion mare.

Five Belgians shown took first and second prizes in the class for weanling stallions, first and second in the class for yearling mares, and first on two-year-old mares. One of the Belgian mares also won the grand championship.

Sheep exhibited by the college took dozens of prizes, including the following high places: champion Shropshire ewe, champion Hampshire ram, champion Southdown ram, champion Dorset ram, champion Dorset ewe, and champion fat wether, a Southdown lamb.

Doctor McCampbell was supervisor of the livestock departments of the show, and Professors B. M. Anderson, C. E. Aubel, H. E. Reed, and D. L. Mackintosh, all of the College animal husbandry department, were superintendents of the cattle, hog, sheep, and horse departments, respectively.

DISEASED POULTRY IS NOT LEGALLY SALABLE

**LAW PREVENTS TRANSFER OF
SICKLY ANIMALS**

**K. S. A. C. Department Head Interprets
Statute in Statement—Kansas Must
Establish and Maintain Reputation
for High Quality Product**

Sick or diseased poultry cannot lawfully be sold in Kansas, according to a recent statement from Prof. L. F. Payne, head of the college department of poultry husbandry. He believes the demand for Kansas poultry is dependent upon the quality and condition of poultry supplied to consumers.

"If inferior stock is permitted to reach the markets Kansas will establish an unfavorable reputation which will reflect back to the producers in the form of lower prices," he declared. "Kansas is surpassed by only a few states in the volume of poultry shipped to outside markets and it is, therefore, to our interest to establish and maintain a reputation for selling high grade market poultry which is 100 per cent edible."

START CLEANUP MOVEMENT

"State and government authorities and poultry buying associations are behind a movement to check the flow of unhealthy poultry to market centers. The movement in Kansas is backed up by a law which states that it is unlawful to sell, ship, trade, or give away any animal known to be infected with a contagious or infectious disease."

"Federal inspectors have appeared in many of the poultry packing plants to check up on the state of health of poultry in the feeding batteries."

"Packers in Kansas are cooperating with state and government officials in attempting to stop the flow of diseased and emaciated poultry into consuming centers. They are refusing to accept poultry which is unfit for human food and it is hoped that farmers and poultry men throughout the state will cooperate by retaining at home all birds which they regard as unfit for their own table use. Such poultry should be killed and burned or buried deeply in the ground. The strict adherence to this practice will not only keep down the spread of poultry diseases but it will increase the consumption of poultry."

REASONS FOR REJECTION

Professor Payne recommends that poultry with the following symptoms should not be offered for sale:

Birds which have "gone light," which are deceiving in weight when handled, which have thin, emaciated breasts, glassy eyes, and shrunk, cold shanks and feet;

Those with a pronounced discharge and an offensive odor about the nostrils, eyes or mouth, and birds with swollen eyes filled with a cheese-like exudate;

Birds with respiratory troubles caused by canker or false membrane in the throat and windpipe and those with chicken-pox should not be sent to market but should be isolated from the remainder of the flock, treated, and given a chance to recover. Chickens with swollen eyes caused by a lack of Vitamin A will respond to treatment. This condition is easily distinguished from roup as it is not accompanied by an offensive odor. Birds with any of the above ailments are classed as rejects, or culls—which is a misnomer—by poultry buyers throughout Kansas. They are either killed in the presence of the seller or sent home to be disposed of.

MOST DISEASES IN HEAD

W. H. Lapp, director of the National Poultry Research society, observed last year that 60 per cent of the rejects coming into feeding stations was due to diseases around the head, 40 per cent of which were visible. Of the diseases of the head, 60 per cent was due to roup, including canker, diphtheria, and pox. Of the diseases of the digestive tract, 35 per cent was caused by worms; 35 per cent by bacteria, and 30 per cent was attributed to crowded quarters.

A shortage of water for the hen may cut short the winter egg supply.

HISTORICAL SOCIETY'S
TOPEKA, KAN.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, September 26, 1928

Number 2

BETHANY FIRST FOE OF WILDCAT GRIDMEN

M'MILLIN'S AGGIES MAKE BOW ON
HOME FIELD SATURDAY

Coach Undecided as to Starting Line-up—Swede Team Reported Heavy, Experienced—Bauman Out With Injuries

Puzzle—who will be in that Kansas Aggie line-up in the season's opener against the Bethany Swedes of Lindsborg at Manhattan Saturday.

A week and a half of practice has gone, and Coach "Bo" McMillin has yet to indicate his choice of a first string—which fact, incidentally, has helped to keep the entire squad working at top speed.

An injury to K. C. Bauman, letter man and right tackle, has put him entirely out of things for two or three weeks, and Bill Towler, letter man at right end, also is on the injured list, though still in shape to report for practice.

Apparently no one man will have the official title of "quarterback" under the McMillin system. Sometimes Joe Anderson, two letter man, calls the signals, and sometimes he runs as a halfback. Quite as often the signal caller is little Marion "Micky" Evans, 143 pound halfback, Bill Meissinger, also a halfback, Alex Nigro, halfback, Tad Platt, quarter, or Joe Limes, quarter.

PEARSON THE CENTER

In the line Bert Pearson is expected to start at center, but Bob Sanders will be in a good share of the game.

Tackwell and Errington may be the starting guards, though McBurney and Meyers or Tackwell and McBurney is also a likely combination. Big George Lyon, 200 pound tackle, is out for practice this week, but will not be able to play for a week or two, and with Bauman also out A. H. Freeman has been alternating between fullback, his new position, and tackle, at which he made a letter last year. Hicks, Holt, and Welsh have been working at the other tackle.

Four good ends are available—the three Bills—Bokenkroger, Daniels, and Towler, and H. A. "Red" Dimmitt. With Towler slightly injured, Dimmitt and Daniels are probable starters.

PLENTY OF HALFBACKS

Nigro, Meissinger, Boyd, Evans, and Weller present a halfback array from which it is hard to choose two—but the use of one at quarter may help solve the problem. Platt and Anderson, quarters, also work at half frequently. H. J. Barre, Tampa, has been working at fullback when Freeman is in the line, and Price Swartz, sophomore, also is a fullback possibility.

With the team lighter, by all accounts, than any of the rest of the Big Six, speed and drive must be relied upon to win football games, and the Wildcats have a fair quantity of both.

Reports from Bethany tell of a team of about the same weight as the Aggies, and equally experienced. With Bethany having the advantage of a week's extra practice, the result should be a good, close football game.

Following the debut against Bethany the Wildcats go to Stillwater, Okla., the next week end for a game with the Oklahoma Aggies. Then Hays, at Manhattan, and after that—Kansas U.

HAYLETT IS NEW COACH OF AGGIE TRACK TEAM

Cinder Path Men Get First Full Time Mentor

For the first time in the history of Aggie athletics, the Wildcat track team is to have a full time track coach this year. He is Ward Haylett, formerly of Doane college, Crete, Neb.

While at Doane Haylett won three

FOOTBALL SCHEDULE 1928

Sept. 29—Bethany at Manhattan
Oct. 6—Okla. A. & M. at Stillwater
Oct. 13—Hays Teachers at Manhattan
Oct. 20—Kansas U. at Manhattan
Oct. 27—Oklahoma U. at Norman
Nov. 10—Missouri U. at Manhattan
Nov. 17—Iowa State at Ames
Nov. 29—Nebraska at Lincoln

championships in the state conference with his team, and missed winning the fourth by only half a point. He is supervising the work of the cross country squad this fall, and will also have charge of the freshman football team, but during the spring semester will handle nothing but track.

HOPKINS IN DEFENSE OF 18TH AMENDMENT

Supreme Court Justice Gives Chapel Talk on "Allegiance to the Constitution"

"Violation of the eighteenth amendment—is a violation of the constitution—and of that for which our flag stands," said Justice Richard J. Hopkins, of the Kansas supreme court, before student convocation Tuesday morning.

Judge Hopkins' subject was "Allegiance to the Constitution." He reviewed the history of the constitution, and of the prohibition movement both in the nation and in Kansas.

"Thirty of the 55 framers of the constitution were college men," he said.

"Anti-liquor and anti-slavery were the Puritans who settled Kansas before the Civil war," he continued. "Kansas, after the war, was settled by Union soldiers, who were instrumental in bringing about prohibition."

"Prohibition has relieved more poverty than all the associated charities combined," said Judge Hopkins, citing statistics to support his point. "There has been an increase of 60 per cent in savings bank deposits, a 130 per cent increase in insurance policies, and an 18 per cent decrease in the cost of living, since 1918."

Touching on state-controlled liquor dispensaries, Judge Hopkins asked the question, "Who would operate them?"

Seventy-five per cent of the business of the old saloon was in light wines and beer," he said. "Those who want them back, and claim not to want the saloon, are camouflaging."

CIRCULAR 141 LISTS

AVAILABLE BULLETINS

Letter Will Bring Brief Description of Station Publications

Persons desiring information concerning recent publications from the Kansas agricultural experiment station at Manhattan may obtain this information by writing to the director of the station and asking for circular 141. This circular describes briefly the contents of nine bulletins and 16 circulars printed since March, 1926, any of which may be secured until the supply is exhausted. The Kansas station distributes only a few bulletins and circulars by mailing lists, hence most publications must be secured by special request.

HOLD FIFTH SCHOOL FOR INSPECTORS OF POULTRY

Meetings at K. S. A. C. Through First Week of October

The fifth annual school for poultry inspectors will be held at the college during the first week of October, Prof. L. F. Payne of the poultry department has announced. Those who will attend are men employed to accredit and certify poultry flocks for the Kansas Poultry Improvement association and the Kansas Accredited Hatcheries association. More than 200,000 birds qualified and were individually legbanded for these two associations last year.

KANSAS PIONEERS IN NEW POULTRY FIELD

AMONG FIRST TO VERIFY HIGH LAYING RECORDS

Breeders Met at College Saturday to Organize Association in Sunflower State—Check on Production Already Started

Kansas and a half dozen other states are pioneering in a new field which contemplates accurately checking laying records of high producing hens. That Kansas is to stay in the front line in making and keeping these accurate records was determined at a meeting of 50 poultry breeders of the state at the Kansas State Agricultural college last Saturday.

MAKE CHECK EACH MONTH

The breeders, meeting at the call of Prof. G. T. Klein, extension poultryman of the college, organized the Kansas Record of Performance association, elected officers, and appointed a full time inspector who will visit each month each poultry flock represented in the association.

The Record of Performance was organized nationally only last summer and is to be put into operation uniformly in all states. Members and their poultry equipment will be approved by the state colleges. According to the membership contract in the Kansas R. O. P. association, birds are to be traped on their owners' farms and at the end of the traping year those hens making a record of 200 eggs or more will be legbanded and approved for the R. O. P.

J. M. GISH FIRST INSPECTOR

Once admitted to the R. O. P., hens may be used in special breeding pens for the production of Record of Performance chicks. Record taking has been started in Kansas. J. M. Gish of Enterprise is the inspector appointed Saturday and other officials chosen at the meeting are:

Ralph Upham, Junction City, president; R. B. Stants, Abilene, vice-president; G. T. Klein, Manhattan, secretary-treasurer. Directors, Jesse Swank, Holton; Fred True, Perry; Mrs. Fred Dubach, Wathena; L. A. Rupp, Ottawa; K. M. Hutchinson, Sabetha; and J. M. Coombs, Sedgwick. These officers succeed temporary officers named at an earlier meeting last July.

NINE NEW K. S. A. C. NAMES IN 'WHO'S WHO'

Latest Edition Increases List of College Staff Persons in Select Group to 18

The number of persons on the faculty of the Kansas State Agricultural college whose names appear in the new 1928-29 edition of "Who's Who in America" is 18, just twice the number which appeared in the 1927-28 edition. The name of Dr. Francis David Farrell, president of the college, heads the list of Kansas State Agricultural college "Who's Who" representatives.

Others whose names have appeared in the select group heretofore are Dean J. T. Willard, vice-president of the college and dean of division of general science; Prof. Albert Dickens, head of the department of horticulture; Dr. J. E. Kammeyer, head of the department of economics; Dr. Edwin L. Holton, head of the department of education; Dean R. A. Seaton, dean of the division of engineering, and director of the engineering experiment station; Dean L. E. Call, dean of the division of agriculture, and director of the agricultural experiment station; Dr. R. K. Nabours, head of the department of zoology; and Dr. H. H. King, head of the department of chemistry.

Those whose names appear for the first time in "Who's Who" are Prof. L. E. Conrad, head of department of civil engineering; Prof. George A. Dean, head of department of entomology; Dr. C. W. McCampbell, head

of animal husbandry; Dr. J. E. Ackert, professor of zoology; Prof. H. W. Davis, head of the English department; Dr. H. L. Ibsen, professor of genetics; Prof. C. E. Rogers, head of department of industrial journalism; Prof. H. B. Walker, until recently head of department of agricultural engineering; and Dr. W. E. Grimes, head of department of agricultural economics.

Y. M. C. A. DRIVE FOR FUNDS ON THIS WEEK

College "Y" and Other Christian Organizations Sponsor Many Activities Within School Year

Means of financing activities of the college Y. M. C. A. are to be obtained in a membership drive launched Monday. Dr. A. A. Holtz, secretary of the organization, believes the campaign will bring in many new members. The "Y" sponsors many student activities on the hill, the foremost of which are student forum, freshman commission, student conferences, employment bureau, and discussion groups.

Permanent part time work for 76 students and odd job employment for more than 300 was furnished by the Christian organization in the first two weeks of the present college year, Doctor Holtz reported. Last year, go-to-college teams visited 44 high schools with an enrolment of 13,324 students, urging those students to go to college and especially emphasizing that they come to the Kansas State Agricultural college.

Six high school Y. M. C. A. groups were visited by Hi-Y extension teams, to offer them aid in their work. Aggie Orpheum, a popular college entertainment and one of the largest, is sponsored by the Y. M. C. A.

POULTRY COUNCIL GIVES RESEARCH SCHOLARSHIP

K. S. A. C. Secures Raymond Samuelson of Iowa to Conduct Experiments—Local Company Cooperates

An \$800 fellowship has been awarded to the Kansas State Agricultural college poultry department by the National Poultry Research council of Chicago. The position made possible through this scholarship has been filled for the present year by Raymond Samuelson of Ames, Ia. Samuelson's problem will be to determine the practicability of rearing broilers in storage brooders and fattening them in commercial fattening batteries.

The Perry Packing company of Manhattan will cooperate with the college in the fattening experiments. The final aim of the test is to see whether the intensive method of raising chicks will produce broilers rapidly, economically, and profitably. Five lots of 500 chicks each will be carried through the test, which also will compare two different rations.

HATCHERY OPERATORS COMING FOR SCHOOL

College Poultry Department Arranges for Two Day Meeting—T. S. Townsley Will Speak

Hatchery operators who reside in Kansas and adjoining states have been invited to the college October 9 and 10 for a two day school. Programs arranged under the direction of Prof. L. F. Payne, head of the college poultry department, will list several speakers representing large incubator companies.

One of these speakers will be T. S. Townsley of the Smith Incubator company of Cleveland, Ohio, who was at one time on the staff of the Kansas State Agricultural college poultry department.

There are in Kansas, according to Professor Payne, more than 175 large hatcheries with a combined capacity of six and one-quarter million chicks every three weeks. Many of these hatcheries will be represented at the school.

KSAC BRINGS COLLEGE TO KANSAS RADIO FANS

EDUCATIONAL PROGRAM MAPPED OUT FOR WINTER

Principal Features Remain Similar to Those of Last Year—Hours of Various Broadcasts Have Been Changed Slightly

With six to seven hours a day allotted for broadcasting educational and musical programs, radio station KSAC is preparing to bring the college to the people of Kansas and the people of Kansas to the college during 1928 and '29.

"Although the main features to be radiocast from the station will remain quite the same as the past year, several changes have been made to more fully meet the needs of our radio listeners," declared L. L. Longsdorf, program director of the station, in outlining the fall and winter schedule. "The noonday radiocast goes on the air at 12 o'clock rather than 12:35 as in the past. The evening schedule calls for a 6 to 8 program instead of the 6:30 to 8 program as of last year."

HEALTH CLASS STARTS DAY

Each morning the 9 o'clock broadcast begins with a health period under the supervision of L. P. Washburn, department of physical education. According to the program director, this broadcast has become a most popular feature. It was estimated that more than 1,000 fans took part in the "health" class each day during 1927 and 1928.

The housewives' musical broadcast has become a great favorite among KSAC fans and is radiocast each week day from 9:15 a. m. to 9:55 a. m. at which time the Housewives' Half Hour takes the air.

BEGIN A NEWS FEATURE

The noonday program, which is primarily a broadcast of extension service information, has an agricultural news feature added to give more service to the people of the state. Under the supervision of Harold Howe, department of agricultural economics, the daily news service calls to the attention of radio listeners the important happenings in the field of agriculture within the state as well as nationally and internationally.

Each Tuesday and Friday afternoon from 4 until 4:30, a period has been set aside for the radiocasting of a music appreciation program. The program is under the general supervision of Miss Ruth Hartman, department of music.

FOUR WEEKLY CLUB PROGRAMS

Broadcasts for 4-H clubs have been arranged to take place each Monday, Tuesday, Thursday, and Friday evening from 6:30 until 7 o'clock. This program takes the form of music appreciation, travel talks, 4-H club reports, and general entertainment for more than 10,000 boys and girls who are members of this club in Kansas. M. H. Coe, 4-H club leader, extension service, has general supervision.

As further outlined by Longsdorf, the college of the air program carries quite the same features as in the past. The broadcast beginning at 7:10 in the evening and continuing until 8, carries a program prepared and given by representatives of every department of the college. The general plan is: Monday, agricultural night; Tuesday, subjects related to agriculture; Wednesday, athletics and engineering subjects; Thursday, music, debates, dramatics, sports, and contest numbers; and Friday, general science.

BROADCAST ATHLETIC EVENTS

The Radio Fan program on Saturday, starting at 12:35, is supervised by G. E. Webster, radio engineer, KSAC. At this time telegraphic code lessons, radio news, the question box, and special talks upon various phases of broadcasting and receiving are put upon the air.

Athletic contests and other special events are radiocast regularly via air to KSAC fans.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES..... Associate Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, SEPTEMBER 26, 1928

PERSPECTIVE IN POLITICS

"Everybody loves a good fight" has become a truism. Psychologists have observed it, preachers have condemned it, and the newspapers are exploiting it.

When we are not actually at war we are satisfying vicariously our primitive urge to battle. We thrill at front page accounts of Law pursuing the kidnaper and the bandit, wait breathless for news of the man who wrestles with challenging nature on a transatlantic flight or a perilous trip to the arctic pole, not to speak of actually dying ignobly—as eight persons are said to have done—while "listening in" on the Dempsey-Tunney prize fight. We love to take sides.

Just now the political fight stirs our blood. We have jumped into enemy camps and are helping to hurl verbal lances at Smith or Hoover, as the case may be. Pure relish of the immediate fight is likely to blind even the supposed intellectuals among us to the underlying significance of the issues. Sometimes it takes a conscious shaking of ourselves mentally to forego the fire and enthusiasm of an emotional orgy and to contemplate history and human nature for an intelligent understanding of cause and effect.

Probably no plank on which the opposing candidates are attempting to balance themselves in the present campaign is of more personal interest to middle westerners than farm relief. And the closer our personal interests touch a problem the more difficult it is to assume an objective attitude toward it, to examine it from an historical perspective and see it as a part of a social movement.

From this point of observation, the present plans to stabilize agriculture are attempts to apply to agriculture a more general economic trend. The older idea was that the economic world was guided by the operation of so-called immutable laws, the most familiar of which are those of supply and demand. Prices were determined by those laws and there was no place in the picture, as it were, for man's will to have higher or lower prices.

Strangely, perhaps, it was the farmers who first started the swing of economic practice away from the old philosophy. Through the Granger movement they brought about laws regulating railroad activities and so instituted a domination of economic law by man. This injection of man's will into the "natural" order has since been widely extended to public utilities and various industries. It is really rather surprising that the farmers, who lead this movement, should have been content this long without rational control over their own industry.

Many statesmen still adhere to the old philosophy, whether or not they recognize it by this academic term. They measure the possible success of certain economic innovations by their constitutionality and the constitution adheres to the old philosophy. The old mechanistic school of thought in economics generally prevailed at the time the constitution and its pertinent amendments were written.

A conception of a controversial point in a campaign as a single in-

cident in a long time cycle may deprive us of some of the excitement of battle and the glow of partisan fire. But if we who make claim to the title of "intellectual" see in the campaign only Al vs. Herbert, or farm vs. factory, or, for that matter, town vs. city, puritan vs. immigrant, east vs. west, and all of the other verses or fights—well, at least we don't deserve our title.

BOOKS

Agriculture and Civilization

"Corn from Egypt," by Maurice Gompertz. William Morrow and Company. New York. 1928. \$1.30.

It is a part of true culture to be interested in origins and to know something of what has been learned about the beginning of important things. "Corn from Egypt" is one of a series of volumes now being published under the editorship of G. Elliot Smith, F. R. S. It treats of the beginning of agriculture in an interesting and scholarly manner and is, therefore, a valuable contribution to cultural literature.

The author holds that the beginning of civilization and the beginning of agriculture were coincident in time and place. He examines the two major theories as to where civilization began, one theory favoring Egypt and the other the Tigris-Euphrates valley. He decides in favor of Egypt. In his study of the subject he considers many things: climate, soil, irrigation, wheat, barley, millet, hieroglyphics, statuary, ancient literature, farm implements, and the contents of the intestines of "certain bodies which, buried in the hot dry sand, had been naturally preserved" somewhere in Egypt for a matter of 6,000 years.

The book contains some interesting comparisons of ancient agriculture—and, hence, of ancient civilization—in Egypt and in Babylonia. In Egypt the control of agriculture was highly centralized and the people concerned themselves chiefly with the problems of production—irrigation, crop acclimatization, and cultural methods. In Babylonia, on the other hand, where it seems most of the agricultural knowledge was borrowed, the people were more individualistic and were preoccupied with questions of agricultural economics. A sarcastic or facetious person might say that this preoccupation led to the fall of Babylon! But the unfavorable salt content of the irrigation water, the difficult nature of the annual flood situation, and the bad climate more likely caused the downfall of Babylonian civilization, while Egyptian civilization persisted.

Gompertz argues convincingly that the development of the calendar and the rise of centralized government were necessitated, and their nature determined, by the needs of agriculture. Indeed, he says that "when the story of civilization in India and China, Greece and Rome is examined, the truth emerges that agriculture is not only universally the foundation of progress, but the condition of its existence."

This little book of 85 pages is too brief. When one has finished reading it one wishes that there were more, much more, of it.

—F. D. Farrell.

IN ALL THERE MAY BE ART

The arts traditionally have defined frontiers that aliens may not cross without much questioning. There is poetry, an art of time and sound suggestions and of words that penetrate dimensions of experience that the senses cannot probe. There is painting, an art of space and color and plain surfaces, of line and light. Sculpture is a spatial art, of contours and of volumes, of shadow and of mass, and of an enduring moment, as Lessing says, that must "express nothing that can only be thought of as transitory." Music, purest of the arts, without burden of representation, rides on time and pitch, on tone and harmonies. Its mystery and wonder remain unanswered. It comes without cause or compulsion and without need. It burns with the sweet scent of being. Like a god it is gratuitous and complete. Music, says Schopenhauer, is the naked will. And dancing is music buried in the flesh, an art of space and time and movement.

Dancing and building, says Ellis, "are the two primary and essential

arts. The art of dancing stands at the source of all the arts that express themselves first in the human person. The art of building, or architecture, is the beginning of all the arts that lie outside the person; and in the end they unite. Music, acting, poetry proceed in the one mighty stream; sculpture, painting, all the arts of design, in the other. There is no primary art outside these two arts, for their origin is far earlier than man himself; and dancing came first."

For the arts are neither separable nor finally defined, and space and painting, time and tone values, dancing, words, cathedrals, songs, are only beaten paths over a plain. They

was the newly elected chancellor of the local chapter of the American College Quill club.

TWENTY YEARS AGO

The Banda Rossa, consisting of 75 members, gave two concerts at the college.

J. D. Botkin, then democratic candidate for governor of Kansas addressed the students in chapel.

The Y. M. C. A. hall was formally dedicated by appropriate exercises in which 200 invited guests participated.

Prof. Charles Paul, formerly of the mechanical engineering department at the college, was elected pro-

Doubting as the Basis of Progress

From "Possible Worlds" by J. B. S. Haldane

I shall perhaps be told that I am preaching pragmatism. But where the pragmatist says that a belief is true because it works, I have attempted to suggest that it is often false although it works, and that belief is not, as James preached, a necessary preliminary to effective action. And where the pragmatist exalts the will to believe, I have attacked it. The desire for intellectual certitude is laudable in the young, as a stimulus to thought and learning; in the adult it easily becomes a vice. History, when it is taught as the history of human thought, makes it abundantly clear that most of the intellectual certitudes of our forefathers were illusory, though often of temporary value. One intellectual certitude has from time to time been replaced by another at the expense of a sufficient number of martyrs. So long as our education aims at increasing dogmas, religious, political, ethical, or scientific, fresh relays of martyrs will be necessary for every step of human progress. And while I do not suggest that humanity will ever be able to dispense with its martyrs, I cannot avoid the suspicion that with a little more thought and a little less belief their number may be substantially reduced.

Science has owed its wonderful progress very largely to the habit of doubting all theories, even those on which one's action is founded. The motto of the Royal society, "Nullius in verba," which may be paraphrased "We take nobody's word for it," is a sound rule in the other departments of life. The example of science shows that it is no check on action. Its general adoption would immeasurably hasten human progress.

are ways, but there are no doubt others. Art, says Santayana, "is the plastic instinct conscious of its aim." But all life, all things, are plastic, and in all there may be art. —From "The New Universe" by Baker Brownell.

CORNSTALKS GO INTO NEWSPRINT

What promises to become an important new source of newsprint paper got under way with the beginning of operations recently by the first factory of the Cornstalk Products company at Danville, Ill., for turning into valuable cellulose thousands of tons of cornstalks which heretofore have gone to waste. The cellulose is to be shipped to eastern factories, where the processes of converting the raw material into finished products already are in operation.

In celebration of the new plant, the Danville (Ill.) Commercial-News sent some of the first cellulose turned out by the factory to a paper mill in Michigan to be converted into newsprint. This will be used in an edition celebrating the new era farmers feel is dawning.

Farmers around Danville have been paid \$5 an acre for their cornstalks in the field. The factory has borne the expense of cutting and removing the stalks. —Editor and Publisher and The Fourth Estate.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Annette Woodward Perry, '16, was assistant advertising counselor for the Capper publications.

Alice Skinner and Loula E. Kennedy, instructors of home economics, resigned their positions to enter war work.

Raymond Brink, '08 and '09, was instructor in radio mechanics for the war department at the University of Minnesota.

Ivyl C. Barker, then a senior in industrial journalism at this college,

fessor of mechanical engineering at Armour institute at Chicago.

THIRTY YEARS AGO

Major H. G. Cavanaugh, Thirtieth U. S. infantry, formerly professor of military science at the college, was wounded at Santiago.

O. H. Halstead, '95, went to Sweden to take a course in the University of Stockholm, after completing a successful year as principal of the Leonardville schools.

Because THE KANSAS INDUSTRIALIST was not then published during August and September, the thirty-year-old items are taken from the July files of thirty years ago.

Among the number selected from 7,000 applicants for the position of second lieutenant in the regular army were William A. Cavanaugh, '96, George M. Grimes, and Mark Wheeler, '97.

FORTY YEARS AGO

Professor Olin was elected president of the Chautauqua Literary and Scientific circle in Manhattan.

Arrangements were made for supplying the shop and greenhouse with water from the city waterworks by temporary surface pipes.

The captains of the five companies of the college battalion were H. S. Willard, A. B. Kimball, F. C. Sears, W. R. Browning, and S. A. McGinnis.

FIFTY YEARS AGO

Professor VanDeman was superintendent of the pomological department of the Neosho Valley District fair, at Neosho Falls.

Miles Ellsworth and Jay Dutcher, former students in the printing department at the college, and employed on the Enterprise and Nationalist respectively, issued a daily paper during the local fair called The Cynosure.

COLORS

E. A. Symanski in Poetry

Innocent white
And virtue gold—
One day, one night,
These two I sold.

Evil is black,
And envy green.
I give them back—
Those I have seen.

Passion is red,
And love is blue;
When I am dead
I leave those, too.

Yellow is fear,
And scarlet, hate;
Now they are near,
Death, close the gate!

SUNFLOWERS

H. W. D.

MOVING ALONG

It's about time somebody call attention to the fact that man is losing rapidly in the fight to keep himself from becoming over-civilized.

A long time ago—how many years we cannot tell—man climbed out of his home in the trees or the cliffs and built a rude domicile of twigs and leaves and grass in some high, easily defended retreat.

Today he is leaving his suburban bungalow and his ten by ten vegetable garden to climb up and up—five, ten, fifteen, twenty floors high in much-alike apartment buildings—to live electrically. Here he is freezing his sherbets, boiling his onions, ironing his best bibs and tuckers, sweeping his rugs, toasting his toes, and cooling his brow by pushing buttons and flipping switches. No more sticks and stones, and no more rattling of bones. No more search for anything. Everything is at hand. The whole world comes to him who can flip the switch.

Yet man has doubts about his own progress. The he-man approval, the sanction of the triumphant brute prevails. But, mercy on us, how it has dwindled and over-refined itself.

We shout and scream our approval of the club, but we place it in the atavistic hands of one "Babe" Ruth and pay him a fortune each year for knocking a horse-hide pellet over the fence a half a hundred times. And we sit in comfortable seats in magnificent grandstands, eating peanuts and gargling pop while he jogs around the bases.

We elect a president and expect him to do the fishing for a hundred million and more loafers in over-stuffed davenport, loafers grown too indolent to think up lies about their own catches.

We prevail upon twenty-two college boys to maul and pummel each other around over the gridiron, barking shins and bruising muscles while we, fifty thousand strong, wrap ourselves in heavy blankets to keep out the chill of fifty-degree breezes. This we do if we consider ourselves hardy and fit. If not, we loiter around at home, leave our two dollars in the bank, and let the radio announcer miscall the plays and guess at the score.

Perhaps, however, this is a trifle severe. For not all of us are thus content to let George do it. Thousands of us demand the open for ourselves. We make a payment on a costly motor and sail valiantly along the concrete pavement, grabbing the fresh air for our very own. Manfully we hold the wheel—sometimes with both hands.

Or we go out for an hour of tennis two and sometimes three times a week, and cruelly drive the ball into the net or the next block.

Or we scorn to drive the car to the office and vigorously walk four blocks as many times a day—all to keep ourselves fit for the fray of life.

Or we hie ourselves to the links and drive the mighty golf ball around the course in more strokes than we care to admit.

Yet even all this looks a bit futile. Contrast the hole-in-one hero with the Neanderthal gent who knocked the brains from the head of his enemy with a single blow of the club.

Prosperity is the blessing of the Old Testament; adversity is the blessing of the New. —Francis Bacon.

AMONG THE ALUMNI

Laura (Peterson) Cordill, '13, and Mr. Cordill are living at Alton.

John B. Griffing, '04, is located at 655 F street, San Bernadino, Cal.

B. H. Luebke, '26, is teaching at Gooding college, Wesleyan, Idaho.

Doris (Prickett) Davenport, '21, is living at 1152 Euclid avenue, Augusta.

Margaret (Etzold) Reed, '20, and Mr. Reed are located at 519 Piatt, Wichita.

Walter T. Rolfe, '22, is a member of the faculty of the University of Texas at Austin.

Edwin Elcock, '21, is county engineer of Butler county. His headquarters are in El Dorado.

Edgar D. Bush, '27, is working with the Philips Dodge corporation, copper mining, in Morenci, Ariz.

E. W. Larson, '25, writes that his mailing address has been changed to 4532 Washington, Downers Grove, Ill.

Esther (Moore) Culberson, '23, is now in Pampa, Tex. Mr. Culberson is in charge of the Chevrolet garage in that city.

N. E. Dale, '18, of Vero Beach, Fla., was one of the speakers at Farmers' and Fruit Growers' week at the University of Florida.

G. Dewey Huston, '28, is athletic director of the high school at Lebanon and also engages in the practice of veterinary medicine during his spare time.

Stella C. Munger, '25, is teaching in the home economics department of Illinois university. She received her master's degree from Wisconsin university in June, 1927.

R. E. Kimport, '27, is with the bureau of entomology, United States department of agriculture. His address is 52 West Union street, Bayshore, Long Island, N. Y.

H. R. Groom, '07, and J. E. McCoy, '09, have established a veterinary hospital at 442 Second street West, Twin Falls, Idaho. The hospital is the only one of its kind in the state of Idaho.

Earl L. Hinden, '26, sends his check for a life membership from Arlington. He is teaching his third year in the Arlington high school and running a wheat ranch with Gareth Wilson, f. s.

MARRIAGES

WILSON—SPRING

The marriage of Dorothy Wilson of Stanley to Glenn W. Spring, '25, took place in Kansas City June 8. They are at home in Kansas City, Kan.

LINDLEY—NUSS

The marriage of Ruth Lindley of Natoma and Alton B. Nuss, '26, of Abilene, took place in Salina May 30. Mr. and Mrs. Nuss are at home in Osborne.

ENGEL—EHLERS

The marriage of Louise Engel of Manhattan and Daniel Ehlers, '28, took place in Manhattan May 30. Mr. and Mrs. Ehlers are at home in Harrisburg, Pa.

VANCE—REED

Mr. and Mrs. James D. Vance have announced the marriage of their daughter, Carolyn Jean, '28, to Myron W. Reed, '27. They were married in Topeka June 6.

CONROW—McGEEHEE

Mrs. W. A. Conrow of Manhattan has announced the marriage of her daughter, Ida, '26, to A. Leroy McGeehee. Mr. and Mrs. McGeehee are at home on a farm near Manhattan.

EDWARDS—SARGENT

Mr. and Mrs. George Edwards of Athol have announced the marriage of their daughter, Mildred, '27, to Alfred R. Sargent, '25, May 26. Mr. and Mrs. Sargent are at home near Manhattan.

GRIFFIN—CHAPPELL

The marriage of Martha Griffin, f. s., and Kenneth Chappell, '26, took place at the home of the bride's par-

ents in Girard June 13. Mr. and Mrs. Chappell have returned to Manhattan to make their home.

McANINCH—SHENK

Mr. and Mrs. O. M. McAninch of Garrison have announced the marriage of their daughter, Gelene, f. s., to Eli C. Shenk, '28, of Manhattan June 12. Mr. and Mrs. Shenk are at home in Kansas City.

ADDY—MORRIS

Mr. and Mrs. Alan Addy of Lyndon have announced the marriage of their daughter, Gladys Virginia, '21, to Mr. Orville Morris of Berkeley, Cal., August 3. Mr. and Mrs. Morris are making their home in Berkeley.

WEST—CONWELL

Mr. and Mrs. John L. West of Saco, Mont., have announced the marriage of their daughter, June, '27, to Ralph Conwell, in Manhattan June 2. Mr. and Mrs. Conwell are at home on their farm near Manhattan.

HALL—BARBER

Mr. and Mrs. J. B. Hall of Abilene have announced the marriage of their daughter, Mary Aileen, f. s., to Carlton M. Barber, '27, which took place June 27 at their home. Mr. and Mrs. Barber are at home in El Dorado.

SHEPPEARD—THACKREY

Miss Emily Sheppard, p. s., of Wakefield and Russell I. Thackrey, '27, of Manhattan were married June 29. They are making their home in Manhattan where Mr. Thackrey is an instructor in the department of industrial journalism at K. S. A. C.

SHEETZ—FOSTER

Mr. and Mrs. S. L. Sheetz of Chillicothe, Mo., have announced the marriage of their daughter, Marybelle, '27, to William F. Foster of Manhattan, which took place in Kansas City June 6. Mr. and Mrs. Foster are making their home in Manhattan.

CRINER—GROTHUSEN

The marriage of Velma Virginia Criner, '28, of Wichita to Lou W. Grothusen, f. s., took place at the home of the bride in Wichita June 17. They are at home in Parsons where Mr. Grothusen is an engineer for the Kansas Gas and Electric company.

KNOTSMAN—SMITH

Mr. and Mrs. Harry Knostman of Wamego have announced the marriage of their daughter, Carol, '22, to Stanley A. Smith, '13, of Pullman, Wash. They were married June 15. Mr. Smith is head of the department of architecture at Washington State college.

JOHNSON—MEYER

Mr. and Mrs. August J. Johnson have announced the marriage of their daughter, Helen Lillian, f. s., to Manie Herbert Meyer, '28, at their home near Manhattan June 1. They are at home in Chicago where Mr. Meyer is employed by the Western Electric company.

JACKSON—BENNINGHOVEN

Charles C. Jackson, '99, and Emma (O'Daniel) Jackson, f. s., announce the marriage of their daughter, Mary, '27, to Rhein Benninghoven, f. s., in Manhattan June 28. They will make their home in Topeka where Mr. Benninghoven is an engineer with the Santa Fe railway.

RHOADES—DICKENS

William J. Rhoades, '97, and Edith (Huntress) Rhoades, '01, of Olathe have announced the marriage of their daughter, Ruth, f. s., to William Dickens, f. s., which took place at their home June 15. Mr. Dickens is the son of Prof. Albert Dickens, '93, and Bertha (Kimball) Dickens, '90.

BRICKNER—BROWN

The marriage of Lucile Brickner, Iowa State college, to Maynard W. Brown took place July 2 in Decorah, Iowa. For the past two years Mrs. Brown has been secretary in the office of the dean of women at K. S. A. C. and Mr. Brown has been teaching in the department of industrial journalism. After a trip to Europe they are now at home in Corvallis, Ore., where Professor Brown is head of the department of journalism at Oregon State college.

OUR OWN FOLKS

Everyone is back from vacation and into his winter harness, so to our desk come requests for the address of a friend, for a list of the Aggies in some locality, an item about the achievement of some alumnus, checks for dues and life memberships, and not a few words of praise for THE INDUSTRIALIST.

From far off Antwerp, Belgium, A. D. Whipple, '98, sends his check for \$50, signifying his loyalty to his alma mater. Just before enrolment three other \$50 checks from C. E. Crews, '28, Raymond H. Davis, '27, and George Stewart, '27, joined Mr. Whipple's and were more than appreciated by several seniors who were applying to the alumni loan fund for loans.

Louberta (Smith) White, '10, of Grants Pass, Ore., writes: "More luck for you. THE INDUSTRIALIST is a very important paper in our home." And we echo her sentiments when she adds, "I often wish more alumni would make known to your office their location and chief interests so these facts could be proclaimed abroad through THE INDUSTRIALIST."

Already a wide awake alumnus has written the office asking if the class of 1924 will hold a reunion next commencement time. Twenty-four should begin planning for the biggest five year reunion yet.

Winter activities for local alumni groups will soon begin so any town or county having 10 or more Aggies should have its K. S. A. C. club.

As we look over our files we find some on our "lost" list. Doubtless these have only strayed but to the alumni office they are lost. Elsewhere in this issue you will find a list of these people. Any information you can send about them will be a real service to your association.

BIRTHS

Harrold Souders, f. s., and Aileen (Forss) Souders, of Chicago, announce the birth of a son.

Dr. H. E. Ruggles and Marguerite (Dodd) Ruggles, '14, of San Francisco, Cal., announce the birth of Howard Edwin II June 24.

Theodore Potter, '25, and Lenore (Spence) Potter, f. s., announce the birth of a son, Spence Cuyler, May 9. Mr. and Mrs. Potter live in Milwaukee, Wis.

DEATHS

BACHMAN

Margaret Bachman, five-year-old daughter of Coach and Mrs. C. W. Bachman, died September 9, following a 10-day illness. Death was caused by peritonitis, following an operation for appendicitis.

COLDREN

Milo Coldren, f. s., of Oberlin, died at his home, July 19, after suffering from cancer for some time. When enrolled here he was a pledge of Pi Kappa Alpha fraternity. He is survived by his parents and three sisters.

KIRKWOOD

Glenn Kirkwood, '23, of Long Island, N. Y., was killed August 7, during a quarrel with his wife. His former home was Marysville. Mr. Kirkwood was a veterinary surgeon with a small animals hospital on Long Island.

MYERS

Mrs. George Myers of Manhattan died at her home August 9, following a stroke of apoplexy suffered a few days previously. Among the four children who survive her is Bernice (Myers) McPherson, '22, of Camden, Ark.

SNYDER

Marvin Snyder, son of Ralph Snyder, '90, president of the K. S. A. C. Alumni association, was drowned in the Blue river near Rocky Ford while

fishing July 17. Besides his parents Mr. Snyder is survived by his wife and small son.

IBSEN

Mrs. Hannah Ipsen of Manhattan died at the home of her son-in-law August 23. She is survived by two daughters, Mrs. L. V. Johnson of Randolph, Alice (Ipsen) Christensen, f. s., of Ann Arbor, Mich., and a son Carl Ipsen, '13, of Schenectady, N. Y.

CURRIE

Charles Currie, age 64, died at his home in Manhattan, June 10, after a brief illness. He is survived by his wife and seven children. Among the children who survive him are Grace (Currie) Howenstine, '16.; Beth, '25; and Eula Mae, '28, all of Manhattan.

ANDERSON

Cecil G. Anderson, f. s., son of John A. Anderson, second president of K. S. A. C., died in Pittsburgh, Pa., May 19. He was president of the Nash Pittsburgh Motors company and active in several athletic and fraternal organizations. He is survived by his widow and a daughter.

LYMAN

Charles W. Lyman, '96, died at his home in Topeka on July 23 after a short illness. Mr. Lyman was superintendent of the Seymour Packing company of Topeka and had been in the employ of that company since 1902 with the exception of three years spent in Shanghai, China. Besides his wife and one son he is survived by his mother Mrs. L. J. Lyman of Manhattan; a brother, Will, of Easterly, Tex.; and three sisters: Laura (Lyman) Weaver, '06, of Springfield, Ohio; Gertrude (Lyman) Hall, '97, of Hot Springs, Ark.; and Mary (Lyman) Otis, '94, of Madison, Wis. Burial was in Mount Hope cemetery at Topeka.

MANHATTAN THEATER PLANS SECOND SEASON

Will Present Each of Four Plays Two Times—"Is Zat So" on October 19-20

With one successful season back of it, the Manhattan Theater has announced its second annual schedule of plays, and student organizations at the college will conduct during the next two weeks a ticket sales campaign. The fall play schedule follows: October 19-20, (homecoming) "Is Zat So;" November 9-10, (parents' day) "Arms and the Man;" February 1-2, "Last of Mrs. Cheney;" and March 8-9, "The Cradle Song."

BROWN BULL IS TO BE OUT LATE IN OCTOBER

Editors Will Try to Raise Standard of Its Jokes

The first edition of the Brown Bull, K. S. A. C. humor magazine, is to appear the latter part of October. Prof. E. M. Amos of the department of industrial journalism and printing has announced. Contributions will be paid for this year in an effort to raise the standard of jokes and cartoons used.

Move Out for Summer

Ten K. S. A. C. engineering graduates employed by the General Electric company of Schenectady, N. Y., spent the summer at Ballston Lake, N. Y. They were A. G. Hotchkiss, '26; C. E. Rugh, '26; R. J. Johnson, '26; C. C. Tate, '27; John Yost, '27; H. F. Blackburn, '27; K. B. Mudge, '27; L. A. March, '27; H. V. Rathbun, '27; and C. H. Miller, '27.

New Purple Pepsters

New members of the Purple Pepsters, Kansas State Agricultural college girls' pep organization are: Margaret Canham, Ruth Correll, Helen Laura Dodge, Violet Holstine, Imogene Lampe, Mina Skillen, Mildred Purcell, Mildred Huddleston, Laura Hart, and Mildred Osborne.

Burge Delves in Oil

N. B. Burge, f. s., 1885-88, president of the Pioneer Petroleum company, temporarily returned to Manhattan this summer while he supervised the development of some oil leases southwest of here. His home is in Topeka.

RECENT HAPPENINGS ON THE HILL

Among the players with the marine corps football squad is Kerr Whitfield, formerly of K. S. A. C.

Al Smith, democratic candidate for the presidency, stopped in Manhattan 15 minutes last Wednesday afternoon.

The eight literary societies held their first meetings of the year Friday and Saturday evenings, September 14 and 15.

The Royal Purple office in Anderson hall will be opened for business on Monday, October 1, according to Joe Anderson, business manager.

A benefit show will be staged at the Marshall theater this week to raise the Red Cross quota of \$350 for relief work in Florida and Porto Rico.

Miles H. Heberer, coach of dramatics, announced the cast for the play, "Is Zat So," to be presented October 19 and 20 by the Manhattan Theater.

More than a thousand persons attended the Y. M. C. A. kick off and watermelon feed held in the west stadium Tuesday night, September 18. A ton of melons was eaten.

Richard J. Hopkins, Topeka, justice of the Kansas supreme court, gave the address in student assembly Tuesday morning, using as his subject, "Allegiance to the Constitution."

Katherine Geyer, director of women's athletics, is enlarging the program for women's intramurals. Competition in women's intramurals will include tennis and horseshoes this year.

Tryouts for the college dairy judging team will be this week. The results will be announced Thursday, September 27. Prof. H. W. Cave says he believes K. S. A. C. will have a good team.

Many students won prizes at the guessing contests in Manhattan last Tuesday night at the formal fall opening. The elementary journalism classes covered the opening for Manhattan papers.

Edwin Zeigler, from Switzerland, is studying milling chemistry in the department of flour mill engineering. He is a graduate engineer from Switzerland and has passed examinations for the degree of Doctor of Technology.

To determine the presidential preference of some 900,000 college students a number of student papers have planned to take a nation-wide campus straw vote. The ballot will be in the next edition of the Collegian.

Helen Richt of South Omaha, Neb., is the first woman to enrol in the K. S. A. C. veterinary medicine course. Women veterinarians are quite common in European schools, but few have taken up the work in the United States.

Miss Helen G. Suam, graduate of the Ohio university, is succeeding Miss Ruth Morris, who resigned as head of the women's department of physical education. Miss Suam has held similar positions at Texas and Iowa universities.

Prof. P. P. Brainard, who has been studying at Leland Stanford university for the past year, has returned to resume his work here in the psychology department. He made a study of mental measurements at the California school.

They Had the Spirit

Aggie spirit was displayed at a reunion picnic held in Penn Valley Park, Kansas City, Mo., last Saturday afternoon and evening. There were more than 65 Aggie graduates and former members present, the oldest class being represented by Dr. A. T. Kinsley, who was graduated from K. S. A. C. in 1899. Plans were made by those present for similar reunions throughout the year.

FROSH FOOTBALL MEN REPORT, 116 STRONG

SQUAD WOULD HAVE BEEN LARGER, BUT SUIT SUPPLY RAN OUT

Coach Haylett Assisted by Edwards, Cochrane, and Doctor Holtz—List Includes Men From Eight States

When Freshman Coach Ward Haylett, who is also track coach, issued a call for his frosh to get uniforms and report for practice, he expected no such outpouring as actually was recorded last Monday afternoon.

By the time practice was ready to start 116 suits had been issued, the athletic department supply room was practically empty, and several boys had announced their intention of writing home for suits.

Assisting Coach Haylett are Dr. A. A. Holtz, A. R. "Monk" Edwards, and Owen "Chili" Cochrane.

Included in the freshman list were men from Kansas, Missouri, Nebraska, Colorado, Illinois, Oklahoma, Texas, and New York. There were various ex-high school captains, one man from last year's Nebraska university squad, and one from last year's K. U. squad.

WILL SCRIMMAGE VARSITY

Conditioning exercises took up most of the first afternoon for the freshmen. After a few days they will be used in scrimmage against the varsity.

The list of those out:

Ends—H. B. Ryon, Vernon, Tex.; Lester Stoffer, Abilene; Allen Heidebucht, Buhler; R. O. Blair, Coleman, Tex.; Charles E. Montait, Hoxie; Ben Dean, Manhattan; Lawrence T. Cole, Cedar; Chester McCulloch, Ada; Carl Thurlow, Hill City; Kermit R. Huyck, Morrowville; Lawrence Morgan, Smith Center; C. W. Said, Garnett; E. Boxberger, Wakeeney; Arch E. Miller, Cottonwood Falls; K. Henderson, Pratt; Otha P. King, Burdett; Howard W. Ward, Abilene; Oscar Hardtger, Lawrence; W. E. Oberg, Ames; Leslie C. Jones, Scott City; Harold Daily, Waverly; Forest Bradus, Eureka; Marion E. Jones, Linwood; G. E. Toburen, Cleburne; Chester Ross, Dodge City.

Tackles—Charles Crank, Hill City; Jack Coalbaugh, Cherryvale; Chester Pettibow, Augusta; Ralph C. Bumps, Norcat; Fred Patrick, Dodge City; Curley Kirkman, Hays; Alvah W. Elliott, Minneapolis; Floyd Hoss, Burns; Roscoe G. Smith, Sabetha; Alvin Stephenson, Manhattan; Elbert Settles, Garnett; Lynn E. Drake, Natoma; Harold H. Stump, Blue Rapids; Fred Schmidt, Junction City; Seward E. Harner, Abilene; Clinton K. Tomson, Washburn; Clark Milligan, Billings, Okla.; G. E. Riepe, Shawnee Mission; Buford D. Egburt, Ingall; E. B. Sammons, La Junta, Colo.; Horace Holmes, Salina; Joseph Torkelson, Everest; Paul Nelson, Vesper.

Guards—Carl Hansen, Cottonwood Falls; Theo. J. Rostock, Webster; Robert Dial, Cleburne; Harold Nellans, Potwin; Wm. Finney, Beloit; James Ellsworth, Cherryvale; Lester George, Mulberry; Ivan Welty, Hill City; Adolph R. Hrab, East St. Louis, Ill.; Olen Markley, Scott City; Harold Richardson, Long Island.

ONLY ONE CENTER

Center—Charles Wilson, Abilene. Halfbacks—Harold Hyde, Wichita; Marion Sager, Brewster; Dean Gillaspay, La Crosse; Al Koster, Manhattan; Paul Williamson, Long Beach, Calif.; H. C. Chiles, Silver Lake; Howard Svethen, Falls City, Neb.; Marlin Schroder, Olmit; Arthur Thomson, Cherokee; Carlton E. Logan, Quenemo; Lynn Kelly, Waverly; D. W. Muhlax, Scott City; Ray McMillin, New York City; Don Ayres, Broken Bow, Neb.; Joe Smerchek, Garnett; Wm. H. Cox, Ottawa; Lyman M. Hall, Downers Grove, Ill.; John W. Murray, Junction City; M. G. Keyti, St. Cloud; Kenneth L. Mast, Belvue; Marvin Taylor, Downs; Irlitt Cubbison, Greeley; N. M. Lindbloom, Cleburne; Karl Scanlan, Agra; Roy Martz, Liberal; Glenn M. Deeter, Norcat; Archie Stuck, Salina; Paul Brandly, Manhattan; Chas. H. Schruben, Stockton; L. W. Sloan, Leavenworth; Robert Dudley, Glen Elder; B. A. Dillard, Chillicothe, Tex.; Frank Buner, Hennessey, Okla.; J. T. Tietze, Kansas City, Kan.; Charles Nankelm, Hoyt; Lovell Thurnow, Macksville. Quarterbacks—Clayborne Davidson, Wichita; Major Bliss, Minneapolis; Bob Anshaug, Abilene; Reed Moore, Protection; Marvin Morgan, Smith Center; Frank Prentup, Junction City; Ernest J. Underwood, Atchison; Elmer C. Black, Utica; Earl E. Gray, Hope; P. J. Isaacson, Leonardville; Paul Timmons, Geneseo.

Fullbacks—Lawrence Breymer, Wamego; Henry Cronkite, Belle Plaine; Roy L. Upton, Burlington, Colo.; M. Eugene Smith, Melvern; Willard Sarna, Ada; George Wiggins, Lyons; William Stevenson, Atchison.

ORCHESTRA DIRECTOR NEEDS MORE PLAYERS

Should Have 75 in Organization, Downey Believes—First Appearance in Assembly Yesterday

The K. S. A. C. orchestra made its first appearance of the school year at the regular college assembly, September 25. The orchestra personnel is not yet complete, according to L. W. Downey, director, who would like to have the present number of 43 increased to 75. Twenty-

one of the 43 were members last year.

The orchestra is scheduled to play at the student assemblies, at the Manhattan theater plays, during music festival week, and also to broadcast from station KSAC. Mr. Downey especially urges the people of Manhattan to try out for the orchestra. At present the number of basses, violas, and horns in the organization is too small for a correct balance.

Members of the orchestra as announced by the director today are as follows:

First violins—Frank Hill (concert master), Virginia Maupin, Janice Reel, Curtis Lund, William King, Paul Chilen, Esther Lortscher, Phyllis Schultice, and D. Beadle.

Second violins—Louise Reed, Paul Miller, Hazel McGuire, Mildren Knock, Grace Boyce, Junia Finney, Bernard Gerahy, Louis Rufener, and J. E. Schruben.

Viola—Kenneth Phelps. Cello—Prof. J. L. Hall, Gladys Schmedemann, Frances Porter.

Basses—Bert Hostinsky, Martin Mayrath.

Flutes—A. E. Winkler, Katherine Colver, Charles Schmidt. Piccolo—Frances Conrad.

Oboe—Myron Russell, Hal McCord.

Clarinet—Henry Bagley, Jesse Mathias, Margaret Colver.

Bass Clarinet—Leroy Paslay.

Bassoons—Prof. E. V. Floyd, Prof. E. K. Chapin.

Horns—Fred Huff, Homer Yoder, Lawrence Lewis.

Trumpets—Everett Fear, E. D. Hollingsworth.

Trombone—Bruce Prentiss.

Tympani—Homer Rutan.

CROSS COUNTRY SQUAD INCLUDES THREE K MEN

Henry Gile of Scandia is Captain—First Meet October 27

Three letter men are included in the squad of 19 reporting for cross country every night. While Track Coach Ward Haylett is busy with freshman football, L. E. "Red" Moody, former Aggie half miler, is supervising the work of the harriers.

The letter men are Captain Henry Gile, Scandia; Harold Miller, Kansas City, Kan., and Temple Winburn, De Kalb, Mo. A dozen freshmen are reporting every night with the varsity, and by the time the season gets well under way, Moody hopes to have a squad of 100 working out.

Varsity men, in addition to the letter men, are as follows:

L. N. Allison, Falls City, Neb.; Ansel Myers, Lyons; Roy Stevens, Junction City; C. J. Ward, Osawatomie; Richard Wood, Cottonwood Falls; Clarence Collins, Manhattan; Virgil Faulconer, El Dorado; John Hayne, Salina; Vernon Jefferies, Kiowa; Cedric McIlvain, Smith Center; Harold Stover, Colwich. The first meet is with Oklahoma university at Norman, October 27.

CALL AND DEAN ATTEND CORN BORER CONFERENCE

Agronomists and Entomologists Cooperate in Fight Against Pest

L. E. Call, dean of the K. S. A. C. division of agriculture and Prof. George A. Dean, head of the department of entomology, are attending a joint meeting of the American Society of Agronomists and the American Society of Entomologists in Toledo, Ohio. The two groups are co-operating to combat the ravages of the corn borer, which has made great advance into the corn belt of several mid-eastern states.

For more eggs, keep plenty of skimmilk before the laying hens.

LIVESTOCK CONDITIONS MORE FAVORABLE NOW

PART OF RECENT LOSSES HAVE BEEN RECOVERED

Expansion Should Be Made Cautiously to Avoid Lower Prices When Production Increases, K. S. A. C. Economist Believes

Existing conditions in the livestock industry of Kansas are favorable to farmers and give promise of continuing so during the next year or two, Dr. W. E. Grimes, head of the department of agricultural economics at the Kansas State Agricultural college, declared in a livestock outlook this week. The farm price of beef cattle is more than 70 per cent higher than in pre-war days, the farm price of hogs is 33 per cent higher, while the farm prices of all agricultural products are approximately 45 per cent higher than in pre-war days. This compares with prices that are paid by farmers for commodities purchased that are 56 per cent higher than in pre-war days.

SOME LOSSES RECOVERED

"Cattle are higher relatively while hogs are lower than in pre-war days," the statement continued. "However, the situation is more favorable than it has been during much of the time since the beginning of the agricultural depression in 1920. This is permitting livestock producers to recover some of the losses sustained during the unprofitable years that are just past.

"Present prices are not exceptionally high and have been exceeded at various times in the past. Another factor in the situation that must not be overlooked is the prospect that prices of both hogs and cattle may be somewhat lower within the next one to three years. Past experience indicates that production of both hogs and cattle can be expected to increase in the near future. The influence of this will be felt in the hog market within a year to 18 months, while in the case of cattle two to three years must elapse before any material increase in production will find its way to market.

SHOULD EXPAND CAUTIOUSLY

"While conditions are favorable, it is advisable that producers proceed cautiously in expanding their production of either hogs or cattle. Breeding stock purchased or retained at present high prices will result in the production of animals that may have to be sold at lower price levels."

K. S. A. C. EDITORIAL EXHIBIT RANKS HIGH

Display Carried Knowledge of College Bulletins and Press Service to Far South

Editorial exhibits, representative of work done by various persons on the staff of the Kansas State Agricultural college, ranked high in a competitive display of editorial work sponsored recently by the American Association of Agricultural College Editors. All exhibits were shown at Baton Rouge, La., at the time of the association's annual meeting the last of August.

The Kansas exhibit, arranged by F. E. Charles of the department of industrial journalism and L. L. Longsdorf, extension editor of the college, was accorded first place on a basis of the exhibit as a whole, and in addition was awarded five blue ribbons, three second place ribbons,

and two thirds. On a pointage basis the Kansas exhibit totaled 22, one less than the Ohio exhibit. The several winnings and material displayed:

Exhibit as a whole, first place; sweepstakes, second ranking; campaign material, first place on wheat festival publicity; popular bulletin, second place on "The Design of the Kansas Home," by H. E. Wichers; technical bulletin, first place on "The Importance of Vitamin A and Vitamin C in the Ration of Swine," by Dr. J. S. Hughes, Prof. C. E. Aubel, and Prof. H. F. Lienhardt.

Syndicated press service, first place; newspaper feature article with news lead, second place on a nursery school article in the Kansas City Star; feature article, third place on a Blackhull wheat story in the National Miller; weekly short paragraph in press service, third place. These paragraphs included the Kansas State Agricultural college farm calendar, wheat beards, K. S. A. C. sparks, and K. S. A. C. questions and answers; photograph telling a story, second place on an illustrated article on bindweed, in the Weekly Kansas City Star.

BUTTERFAT MARK SET BY COLLEGE HOLSTEIN

K. S. A. C. Korndyke Ina Yields 849.82 Pounds of Fat in Year as Junior Four Year Old

By producing 849.82 pounds of butterfat in 365 days, K. S. A. C. Korndyke Ina, 792575, a Holstein cow owned by the Kansas State Agricultural college, completed in August a new state record in the junior four year old class. Her milk production for the year totaled 22,699.4 pounds.

Ina's butterfat record supplanted the previous high record of Lady Volga Colanthus Segis, a George Young and Son cow, whose butterfat production was 835.57 pounds. As a senior two-year-old Ina made a production record of 16,955.9 pounds of milk and 628.59 pounds of butterfat.

This new state record breaker would be expected to set a high mark, considering her ancestry. She is a daughter of the great old K. S. A. C. cow Inka Hijlaard Walker whose record was 21,068 pounds of milk and 775 pounds of fat at seven years of age. She made two other records of over 700 pounds fat, and has seven yearly records averaging 640 pounds of fat.

K. S. A. C. Korndyke Ina is sired by Campus Sir Korndyke Quad, a bull that was in service at K. S. A. C. for several years and one of the best bulls ever owned by the institution.

COLLEGE POULTRY GETS INTO 300 EGG COMPANY

White Leghorn Laid Last Thursday to Make Herself Famous

A white Leghorn hen, bred by the Kansas State Agricultural college, last week put the college poultry flock into the 300 egg a year class. On September 21 this hen laid her 300th egg, thereby establishing a record for K. S. A. C. bred and fed hens. Her record of 300, however, was only one egg better than the record of another hen in 1925.

ACCREDITED HATCHERIES GROUP PLANS MEET HERE

Arrange for Shop Talk and Business Program October 8

Nearly 50 members of the Kansas Accredited Hatchery association are expected to attend the association's regular fall meeting at the college October 8. They will spend the afternoon talking shop and will hold a business meeting at an evening program.

"Mike" Presides at Meeting

M. F. Ahearn, director of athletics, presided at a rules interpretation meeting of Oklahoma coaches and athletic directors at Oklahoma City last Saturday. The meeting was under the auspices of the Oklahoma high school athletic association. "Mike" is a member of the national football rules committee, and was in charge of the rules interpretation session of the "Big Six" conference.

NURSERY SCHOOL HAS GROWING ENROLMENT

CHILDREN NUMBER 25 NOW WITH 40 ON WAITING LIST

Educational Suite for Little Folks Includes Eight Rooms—Entire Program Has Three-Fold Purpose Doctor Ford Explains

Twenty-five children are enrolled in the nursery school at the Kansas State Agricultural college this year, according to Dr. Helen W. Ford, head of the department of child welfare and eutheics. There are in addition 40 names on the waiting list of the school.

TOTS FOLLOW VARIED PROGRAM

A suite of eight rooms in the home economics building, five of which are play rooms, are set aside for the youngsters and two outdoor playgrounds are provided. Meals for the little tots are planned by Dr. Margaret Chaney of the food economics and nutrition department. Others of the home economics division who help direct the activities of the youngsters are Miss Dura Louise Cockrell, Mrs. Leone Kell, Mrs. Aldene Scantlin Langford, and Miss Martha Hensley who is working for her master's degree at the college. Students enrolled in the home economics division also assist some in the nursery school each day after they have gained some experience from observation.

The daily program for the nursery school, except for eating and resting periods, is varied. The children come at 9 o'clock and play most of the morning. They are given orange juice containing a little cod liver oil in the middle of the forenoon, and have their dinner at 12 o'clock. Some of them stay for naps from 1 to 3 o'clock in the afternoon, while others leave after their noon meal.

A THREE-FOLD PURPOSE

Individual conferences are held with the mothers and there are monthly group conferences of parents. The children are brought to frequent child welfare conferences.

The aim of the school, Doctor Ford said, is three fold, to provide as nearly an ideal environment as possible for the children, to give pre-parental instruction to college girls, and to cooperate with the parents in rearing the children.

INTRAMURALS START EIGHTH ANNUAL SERIES

Soccer and Horseshoe Tossing Begins Monday—Hundreds Now Play Where Dozens Once Did

The eighth annual season of intramural athletics will be opened at the college next Monday when soccer teams and horseshoe tossers start competition.

Intramural activities of the present are far different from those in the beginning in 1921. Intramurals then comprised basketball, baseball, and tennis, and were under the direction of E. A. Knoth of the physical education department, from whom many Kansas Aggies learned gymnasium tactics.

Each year has seen more sports added to the intramural list until the present docket includes basketball, baseball, indoor track, outdoor track, soccer, swimming, wrestling, boxing, tennis, horseshoes, handball, basketball free throwing, and cross country. Where dozens participated in the intramurals of 1921, hundreds now take part. Intramurals are sponsored by both men's and women's physical education departments. Schedules and awards for men are handled by the Intramural Athletic association of which Prof. L. P. Washburn of the physical education department is director. Representatives of intramural organizations recently elected Harry Frazier of Idana as student secretary.

Following the soccer and horseshoe meets the intramural contestants will turn to cross country, with the first meet scheduled for October 23.

Laureda Goes to Coast

Laureda Thompson, '25, for the past two years director of physical education at William Woods college, Fulton, Mo., resigned last June to accept a similar position with the Y. W. C. A. of Fresno, Cal.

Help Us Locate These Lost Alumni!

Perry, Ada (Quinby), '86	Sweet, William L., '14	Rodewald, Walter W., '20
Smith, Chas. C., '94	Brown, Henry B., '15	Runyon, Winfield F., '20
Peck, Russell J., '97	Moore, (Hellwig) Elsie C., '15	Fritzler, (Sullivan) Josephine, '20
Bain, Avah L., '00	Mawhirter, Geo., '13	Barber, Paul W., '21
Helder, A. H., '04	Nabours, Lawrence M., '15	Boyd, Homer C., '21
Clark, Roy H., '07	Amos, Harold H., '16	Collom, Arthur B., '21
Riddle, Genevieve L., '08	Flora, (FitzGerald) Elizabeth, '16	Kaucher, Mildred, '21
Baker, Harvey W., '10	Horak, Henry R., '16	Rogers, China E., '21
Hamler, Harry T., '09	Johnson, Arlie N., '16	Zimmerman, Chas., '22
McCheyne, Gertrude M., '09	Loomis, Jason P., '16	Allott, Leonard R., '23
Robinson, Helen (Henderson), '09	McGalliard, Everett R., '16	Barringer, Carroll M., '23
Wilkins, Roy, '09	McKinlay, Mary E., '16	George, Clarence R., '23
Baldwin, Raymond A., '13	Reaugh, Geo. T., '16	Holland, Geo. S., '23
Brethour, Lola, '13	Flora, Jefferson H., '17	Honeywell, Arlie A., '23
Campbell, Robert P., '13	Macemore, (Lofinck) Emily D., '17	Marrs, Gerald C., '23
Vasey, (Embrece) Florence, '13	Neale, John R., '17	Riley, Harold E., '23
Young, (Graybill) Ella, '13	Hoffman, Gladys E., '18	Patterson, John W., '24
Swanson, Richard O., '13	Willis, (Blain) Mary A., '19	Turner, Daniel O., '24
Bingham, William D., '14	Blair, Geo. Y., '19	Davies, Dorothy, '25
Farnsworth, Verne O., '14	French, Shirley B., '19	Givin, Geo. W., '25
Pearson, Aaron E., '14	Baker, Herbert N., '20	Fiedler, Geo. J., '26
		Brion, Clay W., '27
		Huff, Emma (Schull), '27
		Stoffer, Glen H., '27

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, October 3, 1928

Number 3

CHURCH HELPS SOLVE PROBLEMS OF FARM

CAN AND DOES PLAY MAJOR PART, DOCTOR GRIMES SAYS

To Understand Changes in Rural Methods One Must Know Characteristics of Industry—Husbandry Needs Economic Reserves

To understand recent changes in farming methods in the United States and particularly in the middle west it is necessary for one to keep in mind certain fundamental characteristics of the farming business, Dr. W. E. Grimes, head of the college department of agricultural economics, declared in an address before delegates to the sixth annual Catholic Rural Life conference at Atchison recently.

Briefly these characteristics are as follows: first, farming is a highly competitive industry. More than 6,000,000 farmers are competing with each other in the United States, and each of these farmers is producing and marketing independently of the others.

FARMING IS DYNAMIC

Second, farming has a tendency to accentuate individualism. Third, farming is fundamental, for all economic and social problems that pertain to our world population are based upon the farm business. Fourth, farming is a dynamic industry. Changes have come so rapidly in agriculture in the last ten years that many farmers have been left out of step with the newer conditions.

"These, and other characteristics, of our farming industry make it important that careful attention be given to many changes affecting the farm home, as a fundamental social institution, and the farm business as an economic unit furnishing the means of support for the home," Doctor Grimes said in part.

SOME RECENT CHANGES

"Outstanding among recent changes affecting the farm business and the farm home are improvements in farm production practices. In the wheat belt the introduction of power machinery has been particularly important in effecting changes. Other changes important in their effect upon agriculture are those appearing in transportation facilities. The automobile and the motor trucks with good roads are revolutionizing the agriculture of certain regions. These changes are causing important changes in economic, social, and political institutions.

"With fewer and larger farms, we have a reduction of farm population. We need fewer schools, fewer churches and recreational centers, and are making possible fewer and larger political units.

HOME LIFE COMES FIRST

"In the problem of meeting and mastering the shifting economic and social forces that affect agriculture, the church can and does play a very important part. It is of interest to note the characteristics that we can reasonably expect to find in the farmer who rises to the highest that can be expected of him. In the first place, the farm is primarily to rear children and to maintain a satisfactory and progressive farm home. The farmer who is not interested in adding farm improvements, home conveniences, and other things that make his farm home the best possible, is not qualified to be called the best.

"A second characteristic of such a farmer is that he must be a good parent and provide his children with full opportunity for the development of their spiritual and cultural lives. To accomplish these things, the farmer must take an active part in the support of churches, schools, farm organizations, and other community activities.

MUST HAVE RESERVES

"The farmer who has done these things will in part have done his

share to insure desirable rural conditions but he has not done all that can be expected of him. There must be assurance that the things that he has builded are properly safe-guarded so that they can be maintained. From the business standpoint, this means that there must be reserves to fall back upon. From the social standpoint, there must be that stable philosophy of life which will prevent those in the community from being stampeded into doing things of undesirable character.

"From the economic standpoint, farming is urgently in need of greater reserves. Too frequently farmers have invested their surplus, which should have been used as a reserve, in things that were highly speculative in character and which resulted in loss. Then when the need for reserves came the funds were gone. The stability of agriculture and the maintenance of economic and social progress for agriculture is dependent in large measure upon these reserves. Greater attention should be paid to them than has been in the past. Again the church is in a strategic position to bring this to the attention of its membership and encourage safe investments that will become real reserves not only for the farm business and the farm home but also through the collective action of the community they become reserves for the institutions established by the community."

HEBERER ANNOUNCES COMPLETE PLAY CAST

Mrs. Thomas Elliott Carries Part of Sue Blackburn—James Pratt Is Fight Trainer

The cast of "Is Zat So," the first play of the season to be presented by the Manhattan theater, has been announced by H. Miles Heberer, college coach of dramatics. The play will be given October 19 and 20, the week end of homecoming.

The cast for "Is Zat So" includes "Hap" Hurley, played by James Pratt, prize fight trainer and manager of Eddie Cowan, lightweight, played by Frank Prentup; Clinton Blackburn, a New Yorker, by Frank Walker; Sue Blackburn, his sister, Mrs. Thomas Elliott; Robert Parker, Ted Varney; Major Morris Fitz-Stanley, Lawrence Lewis; Florence, a nurse maid, Betty Jeffers; Marie Mestretti, secretary to Mr. Parker, Mary French; Grace Hobart, friend of Sue, Willetta Hill; Fred Hobart, her husband, Robert Crouse; Angie Van Alston, Violet Holstine; John Duffy, chauffeur, Vance Hays; Smith, the butler, Paul Chilen; and Jimmie Parker, "Bob" Summers.

REFRESHING MAGAZINE EDITED BY THESE TWO

George W. Rhine Publishes Roadside Stand Paper

George W. Rhine, a former journalism student, is publisher, and Mabel O. Rhine, '26, is editor of "Roadside Refreshment Topics," published at Washington, D. C. The magazine is circulated among proprietors and employees of roadside refreshment establishments, and is the official organ of the National Standowners' association.

Stadium Drive Starts Soon

The annual fall stadium drive will start as soon as the committee in charge finds a suitable student to head the work. The first stadium campaign was in 1922, and since then an annual fall campaign has been held, confined chiefly to new students and faculty members. With the east side of the stadium inclosed, the finishing of the west side and the building of the south end of the "horseshoe" are next on the program. Offices of most of the members of the coaching staff are to be moved to the east stadium, probably with the next two years, though that of the director of athletics will remain at Nichols gymnasium.

USE ELECTRIC POWER FOR CUTTING SILAGE

ENGINEERING STATION MADE VARIOUS TESTS

Declare Five, 10, and 15 Horsepower Motors Are Practicable in Filling Silos—Hinrichs' Bulletin Discusses Subjects

Use of electric power for silo filling by the Kansas rural electrical laboratory has brought out the fact that it is entirely practicable to fill silos with motors of from five to 10 horsepower. Many phases of silage cutting with electricity and other uses of electric power on the farm are discussed in the recently published engineering experiment station bulletin, No. 21. In this bulletin, by H. S. Hinrichs, the author gives the following discussion of electric power in silo filling:

FODDER HAD BEEN TOPPED

A silo 50 feet high had been filled with kafir forage when using a 13-inch cutter operated by a five horsepower electric motor. The cutter was of the flywheel type, fitted with two knives giving a half-inch cut, and was operated at 495 revolutions per minute. The bundles were fed to the machine in a normal way by the regular farm crew. The capacity was 3.6 tons per hour. In this case the grain had been removed from the forage by topping so that the bundles were short and light. Investigations show that, had the grain been on the forage, the capacity, by weight would have been 35 per cent greater without overloading the motor.

This same cutter operated with a 15 horsepower motor at a speed of 575 revolutions per minute, with the same setting of the knives, elevated the same kind of forage into a 60 foot silo at the rate of 9.25 tons per hour. A 16 by 60 foot silo was filled in 30 hours, overall time. Recording watt hour meter records show that neither the maximum nor average loads were beyond those within a practical and safe limit for a 10 horsepower motor.

WHY MOTORS ARE PRACTICABLE

The reasons that it is practicable to use electric motors of this size for silo filling, are: first, the improvement in ensilage cutter design which makes it possible to elevate at slow cutter speeds; second, electric motors have the capacity to carry large momentary overloads; and third, electric motors operate at a nearly uniform speed under variable loads. The momentary overloads carried by the motors in these tests in some cases amounted to 100 per cent. These overloads, however, were of such short duration that the standard inverse time relays used seldom opened the circuit. It is important that such protective devices be used with motors operating at full capacity on such variable loads.

KNIVES MUST BE SHARP

Speed variation for the tests amounted to less than 5 per cent. This speed regulation makes it possible to operate a cutter close to the minimum speed necessary to elevate to the required height. Without such nearly uniform speed, it is necessary to have the normal speed fast enough that any lower speeds resulting from heavy momentary loads will still be above that required for elevating. This will require larger power units.

For kafir silage—both topped and with grain—cut into three-eighths or half-inch lengths with a 13 inch flywheel type cutter, the size of motor, cutter speeds, and heights elevated, varied. Knives were sharpened from two to three times daily. Factors which may change these relative values are sharpness and adjustment of the knives, length of cut, kind of silage, and quantity of water added to silage in the blower.

WATER REQUIRES MORE SPEED

The investigations at Larned indicate that dull knives, a dull or worn shear plate, or too much clear-

ance between the knives and shear plate results in more power being required to operate the cutter. The capacity of ensilage cutters increases with an increase in the length of cut. This larger capacity requires faster blower speeds for satisfactory elevation to the same silo height. The capacity also increases as the density of the forage increases, with a corresponding decrease in the energy required per ton. The density of the forage has only a small effect upon the size of power unit required. When cutting dry forage, the addition of more than two or three gallons of water per minute to the blower required a blower speed of from 50 to 100 revolutions per minute more than when the water was not used.

COMEDY OPERA COMING TO COLLEGE NOVEMBER 1

Manhattan Unit of American Association of University Women Sponsors "Naughty Marietta"

"Naughty Marietta," a comic opera by Victor Herbert, will be brought to the college Thursday evening, November 1, under the auspices of the local chapter of the American Association of University Women. A chorus of 50 young persons, selected from American colleges and universities for their individual dramatic and musical ability, is a feature of the company.

The cast includes some of America's outstanding actors and musicians and more than nine months were spent in casting the performance under direction of Charles F. Horner of Kansas City and New York.

Miss Kathleen Horner, daughter of Director Horner, who has been studying art in Paris, especially designed the costumes for the opera. "Naughty Marietta" is a revival of a popular old opera with new costumes and new settings. Mrs. C. O. Swanson, president of the Manhattan A. A. U. W., believes that "Naughty Marietta" may be classed correctly with the best of the season's attractions.

STUDENTS WILL ASK SOUSA TO WRITE K. S. A. C. MARCH

Petition Will Be Given Bandmaster at Manhattan Concert October 10

A petition signed by most of the college student body, requesting that Lieutenant Commander John Philip Sousa write a "K. S. A. C. March," will be presented the distinguished bandmaster when he appears at the college October 10 on his last and "Golden Jubilee" tour. The petition is being circulated through the student council.

While here Sousa will direct the college band in playing his "Golden Jubilee" march, written especially for the present tour. The second new Sousa march to be heard this year will be "The Cornhusker" written in honor of the University of Nebraska.

Sousa is in his seventy-fourth year, and is celebrating his fiftieth anniversary as a bandmaster.

4-H JUDGES OF BROWN COUNTY WIN STATE MEET

Were Coached by Walter Atzenweiler—Get Trip to Chicago

Walter Atzenweiler, county agent of Brown county, coached the boys' stock judging team which won the state 4-H contest at the fair in Hutchinson recently. By winning first in this contest the Brown county team earned the right to represent the state at a national contest in Chicago during the International Livestock show next month. Atzenweiler was graduated from the college in 1926. While an undergraduate he was on the college stock judging teams.

Members of the Brown county team are Earl Coulter, Arden Booth, and Forrest Booth. Arden Booth was high individual judge of livestock at the club contest at the college last spring.

KENNEY FORD HEADS ALUMNI ASSOCIATION

TO SUCCEED R. L. FOSTER AS FULL TIME SECRETARY

A Graduate With Class of '24, He Has Had Unusual Success in Teaching High School Vocational Agriculture

Kenney Ford, for the last four years instructor in vocational agriculture in the Norton high school, has been named secretary of the Kansas State Agricultural college alumni association. The committee appointed to secure the secretary was composed of Ralph Snyder, chairman, Dr. W. E. Grimes, and Dean R. A. Seaton.

Ford succeeds Ralph L. Foster, who resigned August 1 to become assistant to the director of agricultural development for the Missouri Pacific railway company. Mr. Ford will resign his present position with the Norton high school and assume active work as alumni secretary November 1.

COMES TO K. S. A. C. NOVEMBER 1

"In securing Kenney Ford, '24, as secretary of the alumni association, the committee feels that it has secured an outstanding man," Ralph Snyder, '90, president of the K. S. A. C. alumni association declared. "His experience, training, and personality make him exceptionally well qualified for the work. He has been unusually successful in community work since he left college. Since it has been known that Mr. Ford is to be alumni secretary, many favorable comments and hearty endorsements of him have been coming to the committee. It should be remembered, however, that the secretary alone cannot make the alumni association a success. It takes the whole-hearted cooperation of every alumnus and we know that Mr. Ford will have this cooperation when he takes up his duties November 1."

AN ACTIVE UNDERGRADUATE

Mr. Ford is a member of the class of 1924. While in school he was prominent in many extra curricular activities. He is a member of the Acacia social fraternity, Alpha Zeta. Athenian literary society, Block and Bridle, and has served as assistant editor and editor of the Kansas Agricultural Student.

He is a veteran of the World war, having been enabled to attend K. S. A. C. by the veterans' bureau as a disabled soldier. He served in France during the war. Since his graduation he has had outstanding success as coach of high school and 4-H livestock judging teams. In 1926 his team placed third in the grain judging contest at the college, and one member of the team was third high individual in the entire judging contest. The following year his team was high on all judging, and in 1928 the team coached by Ford again placed within the high ten teams.

HEADS TEACHERS' GROUP

Several other high placings in livestock judging are credited to him and his teams in the 4-H and high school judging contests conducted each spring at the Fort Hays branch agricultural experiment station.

Mr. Ford's success at Norton was largely due to his activities outside of school work. He is a Rotarian, adjutant of the local unit of the American Legion, and is president of the Kansas Vocational Agriculture association.

Debaters to Try Out

Tryouts for varsity and freshman debate teams were to be held Wednesday and Thursday by H. B. Summers, debate coach. Several experienced debaters from last year are in school this fall, including Gladys Suiter, who competed in the women's oratorical contest, and Fred Seaton, who competed in the men's extemporaneous speaking contest. There will be places on the squad for 30 debaters this year, Professor Summers said.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES..... Associate Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, OCTOBER 3, 1928

UP TO STANDARD, OR DOWN?

How we middle westerners have been struggling for 10 these many pioneer years to "get up to standard." And now just as we are arriving panting at the goal—just as we are nailing the standard sign on the little red school house, just as the country editor has decided to run metropolitan headlines on the weekly Blade, just as we are wearing Paris styles not too long after newer ones have been decreed, and as we are all flaunting membership in social, literary, and service clubs—just at this moment when it seems that we might pause for a well earned and self-congratulatory breath, critics are rising up to proclaim Kansas the "power house of modern American standardization," and in a tone that is anything but complimentary.

Certain pedagogues are saying that our presumably excellent system for mass education neglects the student with more than normal intelligence and holds us smugly down on a level of the intellectual average.

Literary critics think they see a lack of artistic talent and appreciation in rural America. They attempt to account for this regrettable state by our fondness for standards of conduct. They reason that group conformity crushes the individuality that is necessary for artistic creation.

Sociologists are crying out with a loud voice that in our zeal for individual conformity to group standards we have become intolerant to the point of religious persecution and to the death of social, moral, and political liberty.

"... Whether by ridicule, prohibition pioneering, anti-cigarette laws, small town dress reform ordinances, or evangelically fierce codes of private respectability, Kansas had dedicated itself to the sanctified labor of making the human race as alike as two prairie swells" was the first impression of Conrad Aiken, according to his article in Harper's for September.

Without seeming to divert attack from our direction by pleading "Elmer Johnny, he's bad, too," one is perhaps justified in pointing out that the criticism applies to the whole country, or at least many parts of it, just as the faults Sinclair Lewis found in Main Street could be found in city streets as well. And perhaps also as in the case of Lewis and Main Street, our critics fail to understand us.

But majority dictation to the minority is inherent in the American ideal of democracy. And the belief that it is our religious duty to impose our will on others "for the good of the community" is an American inheritance from our Calvinistic forefathers.

Perhaps it is only because there was a Puritan immigration to Kansas to free the slaves that we now, paradoxically, bear the brunt of the accusation that individual liberty has been sacrificed to group standardization.

Or is it simply that we have unconsciously transferred our concept of a standard as a perfection from the legitimate field of "grade A" milk and other agricultural products

into the general field of human conduct?

But, are we really standardized? And, if we are, is it "up" to standard, or down?

BOOKS

Craft vs. Art

"The Potter's Craft," by C. F. Binns, 1922. D. Van Nostrand. New York. \$2.50.

The present so-called machine age has been accused of standardizing our tastes. Certainly it has nearly forced us to buy the same style of table and chairs, and the same pattern in wallpaper and dishes as our neighbor. As though this were not trial enough, quantity production has caused us to surround ourselves with many objects which are neither artistic nor beautiful.

It is encouraging news, therefore, that a man so important in his profession as C. F. Binns, who is director of the New York state school of clay-working and ceramics, lecturer at the Metropolitan Museum of Art and research worker with the Smithsonian Institution, should believe that "the trend of the present demand... is toward a personal and individual expression in the crafts or industrial arts."

One is reminded that in those always glamorous "old days" of handicraft, the craftsman was both designer and maker of his wares. Machinery specialized the work, giving the designing to one man and the manufacture to many more. Moreover, it has been the actual process of making, or manufacture which has received emphasis and the design has been made to conform with mechanical limitations rather than to concern itself primarily with line, proportion, and grace.

Doctor Binns calls the present return of interest to the artistry of the product a "natural swing of the pendulum." Probably the manufacturer would explain that machinery has only now reached a point of perfection which allows for artistic considerations. The automobile has obviously reached this stage of development.

In order to hasten this desirable tendency, Doctor Binns proposes education of the public as well as of the craftsman, and it is accordingly for both groups that he has written his book. Although "The Potter's Craft" is a "practical guide for the studio and the workshop" of the potter, the early chapters offer to workers in any craft a stimulating, and perhaps new, conception of his work—art in craftsmanship.

To be "art," an object must express the individuality of the designer or the maker, according to Doctor Binns. To give universal pleasure and satisfaction it must be pleasing in form—in outline, proportion, and structure—and must have a certain harmony of weight to form, and of design and material to the use for which it is intended.

It is interesting to learn from this book, or from a visit to the Alfred, N. Y., studio, that there are some artist craftsmen in the potter's profession today; that is, men and women who both design and fashion their bowls and vases, as did the artist artisans of old. They "throw" on the potter's wheel, inherited from the Greeks, and build by hand by coiling clay, in the fashion of the primitive Indian art, and so express personality.

The potter in his workshop will find that the clear, terse descriptions and numerous illustrations, including photographic directions in the art of throwing, compose a valuable text and guide book. The layman, who is looking for a handicraft to supplement his academic profession, as an avocation or hobby, will probably be discouraged from undertaking the potter's craft by evidence that a very considerable degree of skill, in addition to a little genius, is required of the artist potter. Any craftsman who reads, and in reading catches the spirit of the man who will crash to a thousand pieces a vase worth several hundred dollars on the commercial market because it has a slight imperfection artistically, will probably do a little shifting of his own values.

As the artist's inspiration and spirit permeate our craft and industry we may hope for an increasing amount

of beauty in our environment, and for the entry of America into an era of artistic self-expression, in keeping with her emergence from youth into maturity. —L. H. N.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Floyd B. Nichols, '12, was in the signal corps in France.

F. O. Blecha, '18, was stationed at Camp McClellan, Ala.

M. L. Pearson, '11, was estimator

hall has been fixed so as to allow a common person to walk down without stooping."

FORTY YEARS AGO

Prof. J. H. Lee for the seventh time was nominated county superintendent of Riley county.

W. C. Moore, '88, then editor of the Junction City Union, was called to Manhattan by the meeting of the senatorial convention.

A subject for debate at a meeting of the Webster literary society was: "Resolved, that greater benefit has

Facts and Freedom

F. D. Farrell

Usually when a problem is clearly and correctly understood it is partly solved. When we know accurately what an obstacle is it usually is possible to find ways and means to surmount it. But to be confronted by a difficult situation when we are ignorant of the essential facts involved, confuses us and renders futile most of our efforts at amelioration. In our confusion we often lose control of our tempers and see things out of perspective. The first requisite in solving any problem is to get the essential facts. The second is to understand the facts. The third is to act upon them.

A legend tells us that some of the ancient philosophers argued almost endlessly about the number of teeth in a horse's mouth. Year after year, according to the story, the debate went on, but the debaters could not reach an agreement. Finally the question was settled in a simple manner: somebody went into a stable and counted the teeth of each of several horses. This legend may help to illustrate how enlightened men ascertain facts. They do it not by argument but by investigation.

The importance of a knowledge of essential facts is now so well recognized that individuals, groups, and the general public in every civilized country contribute to the support of institutions which ascertain, interpret, and disseminate facts. One of the most useful groups of such institutions is the American system of land-grant colleges, of which K. S. A. C. is one of the oldest and largest. These institutions are concerned primarily with the discovery and application of truth for the solution of humanity's everyday problems. Physical, biological, economic, and social problems of the farm, the factory, the workshop, and the home are the first concern of these institutions.

With their departments of research, resident instruction, and extension, these colleges are committed to the service of only one master. That master is the general public, for it is the general public that owns and supports the colleges. The land-grant colleges rapidly are coming to be relied upon as sources of accurate, unbiased information that is supplied freely, and without fear or favor, to every inquiring citizen. That is exactly what these colleges should be. Their usefulness to farmers, homemakers, manufacturers, bankers, and all other groups in our complex civilization, depends upon the accuracy, clarity, and complete availability of the facts they ascertain. Their success and their value to every fraction of the population depends upon how closely they adhere to the principle implied in the ages-old statement, "Know the truth and the truth shall make you free." Mankind's adherence to this principle in the pursuit of knowledge is responsible ultimately for all our blessings.

and draftsman in the building department of the Baltimore and Ohio railway at Cincinnati.

George R. Giles, who was serving in a machine gun company in France, was reported killed in action. He was among the first Americans overseas.

TWENTY YEARS AGO

D. Edmond Rudolph arrived to take charge of the college band.

Congress granted 7,682 acres more land to the college. It was selected by the board of regents as a part of the original endowment of 90,000 acres.

The presidents of the colleges in Kansas met in Topeka to discuss methods of giving credits from one college to another, and to make the work of the different schools more nearly uniform.

THIRTY YEARS AGO

M. A. Carleton, '87, was sent by the government to investigate agricultural interest in southern Russia.

This item appeared in the Students' Herald: "The stairway leading down to the printing office from the main

been derived from the use of steam than from the use of electricity." The affirmative won.

FIFTY YEARS AGO

The Webster society elected members as follows: W. W. Jaquith, C. M. Records, Wirt S. Myers, and George F. Thompson.

The Alpha Beta and Webster literary societies held a joint session to which the citizens of Manhattan were especially invited.

A DEAD KANSAS LANGUAGE?

There was a time when the Kansas I knew had what we called, rather vaguely perhaps, the Kansas spirit; and we said a good deal, by and large, about the Kansas language. When a dean of women was to be chosen by the administrative powers for the state agricultural college at Manhattan it was stipulated by that body that she might or might not be a Kansan, but one thing was rigorously insisted upon: She must "speak the Kansas language." I have often wondered whether she did. Certainly it has long been a foreign tongue conversationally. —From "The Kansas I Knew," in the Kansas City Star.

LATE FROST

Josephine van Dolsen Pease in Poetry

No, no, little sweethearts, Little tender honeysuckle tendrils, Little petunia fair ones, Zinnias of my heart.

Don't keep so still and so beautiful— Do something to help you to forget. It's only white and cold and strange, And not so bad after all.

SUNFLOWERS

H. W. D.

NEWS

What's the news this morning?

In that question lies another little thing that goes to make modern American living viciously complex. The art of news gathering—if it ever proves to be an art—has been developed until the most important thing in the morning edition is of much less concern than the least important thing in the noon edition.

Life has become a bewildering sight-seeing merry-go-round. The twenty-million-dollar skyscraper we passed a minute ago fades utterly as we gawk at the scraggly tenement in which the latest husband-murder occurred. The snow-capped mountains give way without the slightest tremor to the ten-hole prairie dog village on the left. The destruction of Standard Oil properties in Timbuctoo surrenders meekly to a flood in the Yazoo basin, which in turn gives up to a dust explosion in a West Virginia mine.

We have reached a state of dizzy idiocy in which the news that the great Bambino got two home-runs in yesterday's game is of greater significance than the fact that the naval arms conference was dropped like a hot stove lid day before yesterday. The fourth estate has wiped out the last vestige of our late lamented sense of values. The news pickers are unwilling to allow anybody time to decide whether a mountain is really bigger than a mole hill after all.

News makes mountains out of mole hills in the morning and mole hills out of mountains in the afternoon. By the time you have read both editions you don't know one from t'other and you dare not remember either because you have to reserve room for what comes in over the radio in the evening. The only way to keep up is to let everything trickle through.

Super-civilization may be making unreasonable demands upon our reflex nervous systems, but it is surely doing the right thing by our reflective faculties. All we have to do is to gawk and forget. Sometimes, of course, we have to get all wrought up and decide that China must be made as safe as Herrin or that two more Mississippi rivers must be constructed instantaneously. But such moods do not linger long, and we are always mightily relieved to exchange them for more up-to-the-minute states of indignation.

In the old days we had to think things over. Sensations were not stepping on each other's heels so inconsiderately. If we were unable to reflect we were out of luck. There was nothing else for our minds to do—they had to tarry a while. The Civil war was a sensation for thirty years, the Chicago fire for fifteen. But I know a college freshman who let it leak out in a paper the other day that the recent World war was caused by England's refusal to pay a debt owed the United States and that John Bull was most soundly spanked by our boys for his stubbornness.

Perhaps not many of us are so ignorant of the gigantic struggle as my freshman friend, but many of us have already forgotten just what it was that we made the world safe for.

But—

What's the news this evening?

I do not know what I may appear to the world; but to myself I seem to have been only like a boy playing on the seashore, and diverting myself in now and then finding a smoother pebble or a prettier shell than ordinary, whilst the great ocean of truth lay all undiscovered before me.

—Isaac Newton.

AMONG THE ALUMNI

Charlotte Mathias, '28, is teaching in the high school at Lenora.

J. C. Gist, '14, is living in Arcadia, Cal. His address is box 906.

Harold J. Brodrick, '26, is with the Home Oil company at Osborne.

Lawrence M. Nabours, '15, is principal of the high school at Alexandria, La.

Carolyn (Gruger) Hutchings, '27, and Mr. Hutchings are making their home in Manhattan.

Geo. L. Christensen, '94, has moved from Houghton, Mich., to 614 Moro street, Manhattan.

Philip J. Isaac, '28, is taking graduate work in the department of soils at the University of Missouri.

Oliver E. Noble, '97, and Bessie (Locke) Noble, '98, are living at 1007 D avenue, Lawton, Okla.

V. O. Farnsworth, '14, is teaching vocational agriculture in the Seaman Rural high school in North Topeka.

Hazel Anderson, '26, asks that her INDUSTRIALIST be sent to Hoyt, box 45, where she is teaching in the high school.

T. F. Bright, '18, is working as structural engineer with the Western Gas construction company at Ft. Wayne, Ind.

Mildred Sims, '27, visited in Manhattan for a few days before taking up her work as teacher in a Chicago high school.

J. F. Allen, '26, is working for the Ross construction company of Fort Smith, Ark. His address is 723 North Sixth street.

J. E. Cooley, '07, and Mrs. Cooley are living at Rua 7 de April, 67 "Y," Companhia Telefonica Brasileira, San Paulo, Brazil.

Ellen Batchelor, '11, is taking graduate work at the University of Missouri. Her address is 7 Willis avenue, Columbia.

John S. Gullledge, '20, is employed in the mechanical engineering department of the Goodrich Rubber company in Youngstown, Ohio. His address is 519 Market street.

Gilbert Terpening, '27, is county agricultural agent with headquarters in Woodward, Okla. Ivy (Nudson) Terpening, f. s., and small son visited friends in Manhattan last week.

Ada Billings, '16, M. S. '27, is spending a year's leave of absence from the department of home study at K. S. A. C. in study at the University of Texas. Her address is Kriby hall, Austin.

K. P. Nowell, '25, has left the electrical engineering department at K. S. A. C. to engage in research work for the Western Electric company in Cicero, Ill. His address is 138 South 50 avenue.

Helen Batchelor, '27, stopped at the alumni office long enough to pay her life membership pledge recently. She is taking religious education at the University of Chicago this year and staying at 5757 Woodlawn.

MARRIAGES

RUSSELL—OTTAWAY

Mr. and Mrs. D. J. Russell of Manhattan announce the marriage of their daughter, Claire Marie, '28, to Albert Ottaway, '28, September 27. Mr. and Mrs. Ottaway are at home in Manhattan.

WESCOTT—HARTMAN

The marriage of Dorothy Westcott, '28, and Carl Hartman, '28, took place in Manhattan August 2. Mr. and Mrs. Hartman are at home in Kiowa, where Mr. Hartman is employed by the Standard Oil company.

WEBB—DEAN

The marriage of Carolyn L. Webb, f. s., of Manhattan to George T. Dean, f. s., son of Prof. George Dean, '95, and Minerva (Blachly) Dean, '00, took place July 3. Mr. and Mrs. Dean are making their home in Manhattan.

SCHULTZ—VON TREBRA

The marriage of Dorothy Schultz, '26, of Manhattan, to W. H. von Trebra, '24, of Lyons, took place in

Get Those K. U. Game Tickets

Reservations for the K. U. (Homecoming) game are now being made through the alumni office. Tickets are \$2 each, and will be in a block of good seats set aside by the athletic department for the use of the alumni. Reservations should be made as soon as possible, as the seats will be apportioned by the rule of "first come, best served." All remittances for game tickets should include 17 cents for insurance and postage.

Manhattan August 17. They are at home in Lyons where Mr. von Trebra is county farm agent of rice county.

BROOKS—FLESHMAN

Announcement has been made of the marriage of Mary Brooks, '28, to James Steinbrock Fleshman May 18, 1927. Mr. and Mrs. Fleshman are at home in Independence, Mo., where Mr. Fleshman is in charge of the Cook-Dillingham Shoe store.

CRESS—BATCHELOR

Mr. and Mrs. J. A. Cress have announced the marriage of their daughter, Lenore, f. s., to Harold Batchelor, '27, at their home near Manhattan June 17. Mr. and Mrs. Batchelor left immediately for Schenectady, N. Y., where Mr. Batchelor is an engineer with the General Electric company.

BEAGLES—READ

Announcement has been received of the marriage of Alethea Beagles, San Francisco Teacher's college, and Gladwin A. Read, '25, at the home of the bride's parents in Santa Rosa, Cal. Mr. and Mrs. Read will make their home in Petaluma, Cal., where Mr. Read is connected with the Pioneer hatchery.

BURKHOLDER—THACKREY

Mr. and Mrs. E. A. Burkholder of Wamego have announced the marriage of their daughter, Ruth Aileen, '28, to Joseph Eugene Thackrey, '27, of Manhattan. They were married July 29. Mr. and Mrs. Thackrey will live in Nickerson during the coming year where they will teach in the Nickerson high school.

WILLMAN—SPERRY

The marriage of Edna Marie Willman, Kansas university, to Arthur B. Sperry, f. s., and University of Chicago, took place at the home of the bride's parents in Lawrence June 10. Mrs. Sperry taught in the modern language department at K. S. A. C. and Mr. Sperry is professor of geology. Mr. and Mrs. Sperry are at home in Manhattan.

NOBLE—RANKIN

The marriage of Bernice Noble, '25, and William Rankin, '25, took place at the Little Church Around the Corner in New York City August 18. Mrs. Rankin has been dietitian for the Child's restaurants in New York and Mr. Rankin is superintending the erection of a large postoffice building on Long Island. They will make their home in Long Island City, N. Y.

POLSON—CHARLTON

Announcement is made of the marriage of Miss Mary Elizabeth Polson, '16, and Dr. Harry Hayward Charlton last Saturday afternoon at 5 o'clock, at the home of Dr. Burris A. Jenkins, pastor of the Linwood Boulevard Christian church, Kansas City, Mo.

Mrs. Charlton taught in the K. S. A. C. home economics division for five years. For the past two years she has been connected with the University of Missouri, where Doctor Charlton is an instructor in medicine. The couple will be at home at Columbia, Mo.

BIRTHS

George Ellis, '25, and Mrs. Ellis of Las Vegas, N. M., announce the birth of Jeanne Frances August 29.

Harold Burgwin, '23, and Ray (Frank) Burgwin, f. s., of Chillicothe, Mo., announce the birth of a daughter June 11.

Dewey Huston, '28, and Mrs. Huston announce the birth of a son

July 28. Mr. Huston is coaching athletics at Lebanon.

Floyd C. Healea, '24, and Ruth (Limbocker) Healea, f. s., announce the birth of a daughter August 25. Mr. and Mrs. Healea live at Lyndon.

Carroll M. Leonard, '24, and Grace (Schultz) Leonard, f. s., announce the birth of their son August 13. Mr. and Mrs. Leonard live near Manhattan.

A. A. Haltom, '26, and Mrs. Haltom of McLouth announce the birth of their son, Arden William, August 16. He can give the Wildcat scream very effectively, his father reports.

Earl F. Burke, '22, and Helen (Ferguson) Burke, f. s., of Madison, Wis., announce the birth of their daughter, Helen Louise, August 8. Mr. Burke is working toward his doctor's degree at Wisconsin university.

DEATHS

HARMAN

John Bright Harmon, '95, age sixty, died from peritonitis February 24, in Pueblo, Colo. Mr. Harmon was a pioneer of Pueblo county and active in farm bureau and educational projects. He is survived by his wife, Sarah (Evans) Harmon, f. s., and a son and daughter.

NEISWENDER

Lincoln H. Neiswender, '84, died at his home in Topeka September 24 from injuries received in an automobile accident. Mr. Neiswender had served six terms in the Kansas legislature. He is survived by a son, Raymond R., '16, and a daughter, Vivian (Neiswender) Paramore, '16.

WEBSTER

Edwin H. Webster, '96, died at his home in Oakland, Cal., August 26 as the result of a stroke of paralysis. Mr. Webster was dean of the division of agriculture at K. S. A. C. from 1908 until 1913. Later he engaged in commercial dairying, was editor of Hoad's Dairyman and at the time of his death was superintendent of the western sales division of the De Laval company. He is survived by his wife Florence (Fryhofer) Webster, '95, and a daughter.

OUR OWN FOLKS

Master farmers, blue ribbon stock raisers, and important executives all add to the fame of their alma mater but recognition in a different line has come to K. S. A. C. through the winners of the Fitter Families contest held at the Kansas free fair in Topeka, September 10 to 15.

Winners in the large family class were M. W. Converse, '18, Nellie (Hunt) Converse, '18, and their five children ranging in age from 14 months to 8 years. The Converses live on a farm near Eskridge. Only one member of the family scored below "A" in the intelligence rating. Mr. Converse is a brother of the late Prof. E. C. Converse of the physics department of K. S. A. C.

The couple trophy went to Hubert L. Collins, '23, and Lois (Richard-

Inclosed is my check for..... covering the cost of.....tickets to the K. U.-Aggie game on Oct. 20.
Name
Street
Town, State

son) Collins, '25, of Topeka. Mr. Collins won an individual medal in 1925 and again in 1926. He is statistician for the Kansas state board of agriculture.

Fred C. Sears, '92, of Amherst, Mass., writes that the class letter which he has been promoting for his class is progressing as he has received replies from most of his classmates.

Dr. C. V. Williams in New York

Dr. C. V. Williams, absent on leave from the college for the school year 1928-29, is conducting research in the field of vocational guidance under the direction of Dr. Franklin J. Keller of New York. Doctor Williams has charge of the guidance work in the East Side continuation school, and will study the problems of more than 11,000 students during the year.

Nichols Lives in Des Moines

Raymond C. Nichols, a former student, has been transferred to the home office of the Meredith Publishing company, where he is now in charge of the Better Homes and Gardens advertising department. He was formerly an advertising salesman for Better Homes and Gardens, with headquarters in Chicago. His present address is apartment 202, 4024 Grand avenue, Des Moines, Iowa.

K. S. A. C. Views in 250 Schools

Airplane views of the K. S. A. C. campus are now hanging in approximately 250 of the high schools of Kansas. Alumni of the college have placed 100 of these pictures directly and the others have been distributed to the high schools from the alumni office.

Hartman Goes to China

Ernest Hartman, '22, M. S. '24, sailed for China recently where he will teach in Lingnan university in Canton. Since receiving his doctor's degree from Johns Hopkins university in 1926, Doctor Hartman has been teaching in the University of Illinois.

Gartners Move West

John Gartner, '25, and Elizabeth (Bressler) Gartner, '25, are located in Long Beach, Cal. Mr. Gartner resigned as athletic coach of the Manhattan high school to accept the position as coach of the Woodrow Wilson high school in Long Beach.

She's Home from Africa

Margaret Walbridge, '14, for the past seven years engaged in missionary work in Natal, South Africa, is at her home in Topeka on a year's furlough. She will return to Africa to continue her work in the Inanda seminary.

James H. Marchbank, '28, is located at 927 W. Nineteenth street, Oklahoma City, Okla.

RECENT HAPPENINGS ON THE HILL

The Student Governing association announces that the new student directories will be off the press soon.

Professor Peterson of the physics department has resigned to take a position in the Chicago junior college.

Tryouts for varsity and freshmen debate squads will be Thursday, according to Prof. H. B. Summers, debate coach.

The annual stadium drive will be under way as soon as the committee can find a suitable student to head the campaign.

The county fair, a party given by the Women's Athletic association, was attended by more than 150 coeds last Thursday evening.

All the horses shown by the college at the state fair recently won a placing. Twelve Percheron and 12 Belgian horses were shown.

Thomas W. Butcher, president of Kansas State Teachers' college at Emporia, spoke in chapel Tuesday morning, using as his topic, "What It's All About."

The Y. M. C. A. regional secretary, Harold Colvin, stressed the importance of the membership drive now under way in his talk in recreation center last Sunday.

Herbert Hoover was declared the students' choice by a six to one majority in the straw vote recently held at the college. The final count gave Hoover 678 votes to Smith's 120.

Lyle Downey, director of the orchestra, announced the results of the tryouts last week. With a few exceptions, the tryouts are complete, but more basses, violas, and horns are needed.

The first issue of the college humor magazine, the Brown Bull, will be published the latter part of October, according to Prof. E. M. Amos, and will deal primarily with freshmen. It will be sold by the Purple Pepsters.

Eric Englund, formerly connected with the agricultural division of K. S. A. C., was recently appointed to have charge of agricultural finance for the bureau of agricultural economics, of the United States department of Agriculture.

Ticket sale for the Manhattan theater was launched October 1, with several organizations entering teams. Prizes will be awarded to the individuals selling the most tickets and a plaque will be awarded the organization selling the most tickets.

Politics will be the main theme of the October programs of the student forum, according to the announcements of Dr. A. A. Holtz, Y. M. C. A. secretary. All forum meetings will be held in the college cafeteria between 12 and 1 o'clock on Wednesday noon.

Florell to Join U. S. D. A.

Victor H. Florell, '11, will soon leave the College of Agriculture at Davis, Cal., where he has been in charge of cooperative cereal experiments between the University of California and the United States department of agriculture for the past six years. He will complete his work for a doctor's degree in Berkeley and then go to Washington, D. C., to assist in the western wheat investigation work.

Ruth Kellogg to Illinois U.

Ruth M. Kellogg, '10, has resigned her position with the National Industrial Conference board in New York City to accept a vacancy in the department of home economics at the University of Illinois. Carlotta Ford, former instructor at K. S. A. C., was compelled to resign from the position because of poor health. Miss Kellogg is living at 801 South Coler street, Urbana.

Help Us Locate These Lost Alumni!

Perry, Ada (Quinby), '86	Sweet, William L., '14	Rodewald, Walter W., '20
Smith, Chas. C., '94	Brown, Henry B., '15	Runyen, Winfield F., '20
Peck, Russell J., '97	Moore, (Hellwig) Elsie C., '15	Fritzler, (Sullivan) Josephine, '20
Bain, Avah I., '00	Mawhirter, Geo., '13	Barber, Paul W., '21
Helder, A. H., '04	Nabours, Lawrence M., '15	Boyd, Homer C., '21
Clark, Roy H., '07	Amos, Harold H., '16	Collom, Arthur B., '21
Riddle, Genevieve L., '08	Flora, (FitzGerald) Elizabeth, '16	Kaucher, Mildred, '21
Baker, Harvey W., '10	Horak, Henry R., '16	Rogers, China E., '21
Hamler, Harry T., '09	Johnson, Arlie N., '16	Zimmerman, Chas., '22
McCheyne, Gertrude M., '09	Loomis, Jason P., '16	Allott, Leonard R., '23
Robinson, Helen (Henderson), '09	McGalliard, Everett R., '16	Barringer, Carroll M., '23
Wilkins, Roy, '09	McKinlay, Mary E., '16	George, Clarence R., '23
Baldwin, Raymond A., '13	Reaugh, Geo. T., '16	Holland, Geo. S., '23
Brethour, Lola, '13	Flora, Jefferson H., '17	Honeywell, Arlie A., '23
Campbell, Robert P., '13	Macemore, (Lofinck) Emily D., '17	Marrs, Gerald C., '23
Vasey, (Embree) Florence, '13	Neale, John R., '17	Riley, Harold B., '23
Young, (Graybill) Ella, '13	Hoffman, Gladys E., '18	Patton, John W., '24
Swanson, Richard O., '13	Willis, (Blain) Mary A., '19	Turner, Daniel O., '24
Brigham, William D., '14	Blair, Geo. Y., '19	Davies, Dorothy, '25
Farnsworth, Verne O., '14	French, Shirley B., '19	Givin, Geo. W., '25
Pearson, Aaron E., '14	Baker, Herbert N., '20	Fiedler, Geo. J., '26
		Brion, Clay W., '27
		Huff, Emma (Schull), '27
		Stoffer, Glen H., '27

McMILLIN WILDCATS TRIM BETHANY 32-7

SLASHING OFFENSIVE TOO MUCH FOR 'TERRIBLE SWEDES'

'Bo's' Puzzling System Must Be Seen
to Be Appreciated, but It Gets
Results, Says H. W.
Davis

FOOTBALL SCHEDULE 1928

Sept. 29—Bethany, 7; Aggies, 32.
Oct. 6—Okla. A. & M. at Stillwater
Oct. 13—Hays Teachers at Man-
hattan
Oct. 20—Kansas U. at Manhattan
Oct. 27—Oklahoma U. at Norman
Nov. 10—Missouri U. at Manhattan
Nov. 17—Iowa State at Ames
Nov. 29—Nebraska at Lincoln

BY H. W. DAVIS

"Bo" McMillin made his initial bow before Aggie Wildcat football followers on Saturday afternoon, September 29. Some 25 or 30 of his charges broke into the fray and succeeded in piling up a count of 32 while the "Terrible Swedes" from Bethany college amassed 7.

The Wildcats won by their slashing, twisting drive. Nigro, Evans, Meissinger, Platt, Barre, Boyd, and Weller, all aspirants for backfield berths on the Aggie team, tore, charged, and dodged their way through the defense of the boys from Lindsborg in a way that was highly satisfactory to the crowd. The starting linemen for the Aggies behaved creditably, holding the Bethany gridsters to one lone first down during the first two quarters. The Wildcats completed seven passes for a total gain of 120 yards and intercepted two pass attempts of their visitors.

All this can be safely said in praise of the 1928 Aggie footballers. But hope for a highly successful season will have to be withheld for two or three weeks yet. To the distant followers of the Wildcats it must be admitted Mr. McMillin is perforce working upon one of the lightest squads that have trotted out to practice in years. Beef is not in evidence. It must also be remembered that he is introducing a new system of play and that systems of football do not swing into effectiveness as tornados do.

NEW SYSTEM PUZZLES

Doubtless readers of this article are more interested in just what the new system is than they are interested in anything else. The nearest we can come to telling is that it is befuddling to the experts in the press box, and when you befuddle a press expert and make him confess it, you're foxy. Mr. McMillin follows the conventions in putting some of his men in the line and the rest of them in the backfield. But just who is where, and why, and what he is going to do not even the most opinionated pencil pusher dares guess. If you are really interested in 1928 football at the Kansas State Agricultural college, Mr. Mike Ahearn will be glad to dicker with you on the subject of tickets for two or three games. And don't take the radio announcer's word for anything. He has secretly confessed that he is as befuddled as the press experts. "Bo" McMillin's system of football has to be seen to be appreciated. Then, if we are guessing right, it has to be seen again—and perhaps again. It is sudden, aggressive, earnest plus, elusive, and varied. Everybody fights all the time and nobody's heels rest for long on the ground.

Of course, the play on last Saturday was at times ragged and spotty. The inexperience of the squad members was obvious even to the aforementioned experts. Three times were 15-yard penalties assessed because substitutes talked before the rules allow it. The third-quarter assault of the visitors had the substitute line groggy. Often there were holes that should not have been.

EVERYBODY FIGHTING

But it looks like an interesting season, with nobody sure of a regular berth and everybody sure of being a fighter. We'll make one guess, even though we don't profess to be sure about anything. Every game will be worth the little old price of admission and then some. And the some includes the cost of transporta-

tion, meals, lodging, gratuities, and incidentals for self and family.

The statistics:

Kansas Aggies	Bethany
Bokenkroger.....R.E.....	Hutson
Reber.....R.T.....	Gahnstren
McBurney.....R.G.....	Heidel
Pearson.....C.G.....	Yarnston
Tackwell.....L.T.....	Lamb
Freeman.....L.T.....	U. Peterson
Daniels.....L.E.....	Vanek
Evans.....Q.....	Tarrant
Nigro.....R.H.....	Gherke
Barre.....L.H.....	Stillion
Meissinger.....F.....	Yarnell

Substitutions: Aggies, Knorr for Bokenkroger, Hinkle for Reber, Yeager for McBurney, R. Sanders for Pearson, Errington for Tackwell, Oberly for Freeman, Dimmitt for Daniels, Limes for Evans, Weller for Meissinger, Boyd for Barre, Platt for Limes, Daniels for Knorr, Stockebrand for Hinkle, Reed for Yeager, Telford for Sanders, Tackwell for Errington, Flick for Oberly, Anderson for Nigro, Meissinger for Weller, Evans for Boyd, Bokenkroger for Daniels, Freeman for Stockebrand, Pearson for Telford, Fisher for Yeager, M. Swartz for Meissinger, Smerchek for Evans, P. Swartz for Anderson, Nigro for P. Swartz, Meredith for Nigro, Bethany—H. Patterson for Hutson, Anderson for U. Peterson, Jacobs for Vanek, Masterson for Gherke, Liljestrom for Stillion, H. Olson for Anderson, Stillion for Liljestrom, Pedigo for Yarnell.

Touchdowns: Aggies—Nigro 2, Meissinger, Weller, Boyd; Bethany—Tarrant. Points after touchdowns: Aggies—Tackwell 2, Bethany—Tarrant. Kicks—Aggies, six for 301 yards; Bethany, two for 95 yards. Return of kicks—Aggies 45 yards; Bethany 112 yards. Yards gained from scrimmage—Aggies, 379; Bethany, 80. Yards lost from scrimmage—Aggies 12; Bethany, 3. First downs—Aggies, 14; Bethany, 4. Punts—Aggies, eight for 281 yards, an average of 40 yards; Bethany, eleven for 407 yards, an average of 37 yards. Return of punts—Aggies, seven for 86 yards; Bethany, 3 for 23 yards. Forward passes—Aggies, 12 attempted, seven completed for 125 yards, five incomplete; Bethany, seven attempted, one completed for no gain, three incomplete, three intercepted. Fumbles—Aggies five, three recovered; Bethany three, two recovered.

POLITICS IS MAIN SUBJECT FOR STUDENT FORUM TALKS

Speakers Will Discuss Coming National Election From All Angles

Politics will be discussed from all angles at the October sessions of the weekly fall student forum. At the first meeting, October 3, State Senator Fred Harris, representing the state Republican committee, was to talk on "Why You Should Vote for Hoover and the Republican Ticket." The following week a speaker from state Democratic headquarters is to speak on "Why You Should Vote for Al Smith and the Democratic Ticket."

On October 17, Mrs. J. H. Wiggam, president of the Kansas Federation of Women's clubs, will discuss "The Political Situation from the Woman's Standpoint." Dr. John Ise, of the University of Kansas, is to speak October 24 on "An Analysis of the Political Situation from the Point of View of the Economist."

The only non-political speech of the month will be the final one, by Miss Ruth Fertig of the college Y. W. C. A., whose subject is "As India Sees Us."

AGGIE CROSS COUNTRY TEAM TO MEET OKLAHOMA A. & M.

Wildcat Harriers Open Season at Stillwater Next Saturday

The Wildcat cross country team will open its season Saturday against the Oklahoma Aggies, accompanying the football team to Stillwater. The meet was arranged last week by telegraph, according to Coach Ward Haylett.

Three letter men, Harold Miller, Kansas City, Mo.; Captain Henry Gile, Scandia, and Temple Winburn, De Kalb, Mo., are to make the trip, along with John Hoyne, Salina; Bob Wood, Cottonwood Falls, and Virgil Faulconer, El Dorado.

If Gile does not recover from a leg injury in time, L. N. Allison, Falls City, Neb., will substitute.

STUDENTS RUSH TO REGISTER FOR INTRAMURAL CONTESTS

Entrance List for Soccer and Horse-shoe Competition Is Thrown Open

The usual rush to register for intramural competition was experienced when the "lists" were opened to those wishing to compete in horse-shoe pitching, both singles and doubles, and in soccer. Last year 21 teams competed in soccer, the Delta Sigma Phi fraternity team winning. A total of 319 singles and 290 doubles teams registered for the horse-shoe tournament, and indications are that approximately the same number will compete this season. Intramural cross country entrants also will be received soon, according to Prof. L. P. Washburn, director of intramurals.

COLLEGE PLANS THREE DAY FLORISTS' SCHOOL

GREENHOUSE MEN ASKED FOR SHORT COURSE

Program Will Seek to Give Special Attention to Practical Problems of Commercial Growers and Flower Shop Operators

The Kansas State Agricultural college will be host on October 30 and 31, and November 1 to 25 or 30 florists of Kansas and nearby states. They have been invited here for a three day short course during which many phases of floriculture will be discussed.

A DESIGNER TO TALK

Prof. W. B. Balch, foreman of the college greenhouse and secretary of the Kansas State Florists' association, is arranging a definite program. It will include discussions by an expert designer, dealing with making wreaths, sprays, corsages, wedding bouquets, pillows, table decorations, and other work of the trade. The short course was requested by the state association.

A representative of the Stuppy Floral company of St. Joseph, Mo., will discuss problems of rose growing. The St. Joseph firm has a wide reputation for the quality of its roses. The same may be said of the C. P. Mueller company of Wichita, whose speciality is carnations. Another person will discuss handling potted plants, with special attention to soil problems. Several faculty representatives will also speak.

GUARD INTERESTS OF BUYER

The entire program, according to Professor Balch, is being planned in the interest of greater standardization of service to the customer. While the program has been arranged from the standpoint of the producer as well as the consumer, the latter will be given special attention, in conjunction with a recent move by florists to give the buyer superior products.

An effort has been made to make all the topics practical. All florists, whether from Kansas or more distant points, are urged to attend the three day school.

AGGIE TEAM PREPARES FOR OKLAHOMA A. & M.

No New Casualties in Bethany Game—Stillwater Aggies Reported to Be Heavy

Safely through the Bethany game with no additions to the injury list, the Wildcat football team began industrious preparation Monday afternoon for their next opponents, the Oklahoma Aggies, to be met at Stillwater next Saturday.

Reports trickling back from Stillwater are that the Oklahoma A. & M. team has plenty of weight and potential power, both in the line and backfield, though they had a hard time defeating Regis college of Denver by a one-touchdown margin last Saturday.

Three men who could not play last Saturday may be able to get in the lineup at Stillwater. They are George Lyon, 200-pound tackle, Al Meyers, guard, and Bill Towler, end. K. C. Bauman, tackle, probably will be out for at least another game.

J. E. "Bud" Smith, Woodward, Okla., was declared eligible last week, but did not get in enough practice to play against Bethany. He is a candidate for tackle.

"I was sorry the boys didn't have a little closer game with Bethany, in order to test out their real power more," said Coach McMillin Monday. They all showed their proper spirit, and tried hard to fulfill their assignments, though occasionally some of them slipped up.

"The team looked good at times and ragged at others. We are going to make every effort to be ready for the Oklahoma A. & M. team when we meet them Saturday, though we only have four days to do it in."

A dozen backfield men got into Saturday's game, and three or four more were available who did not play. Evans, Limes, Anderson and Platt all called signals. Barre and Price Swartz played fullback, as did A. H. Freeman, who was defensive fullback and offensive tackle. Nigro,

Weller, Boyd, Meissinger, Maryon Swartz, and Smerchek all played halfbacks.

When the linemen who, for one reason or another, were unable to play against Bethany are all back in the game, the Aggies will have a team which, while somewhat light, should have plenty of reserve power.

KANSAS DAIRY JUDGES FIFTH AT WATERLOO

Win Special Prize on Brown Swiss Breed—Professor Fitch Places Jerseys in Iowa Show

A telegram received yesterday from Prof. H. W. Cave, coach of the college dairy judging team, stated the Kansas judging trio had won fifth place in the annual intercollegiate contest at Waterloo, Iowa. In a special contest on Brown Swiss dairy animals the team won a cash prize.

The Kansas team members are Fred True, Perry; Fred Schultis, Sylvan Grove; Ray Remsberg, La Harpe; and M. G. Mundhenke, Lewis. One member is an alternate. The team and its coach will return to Manhattan before going to compete in a similar contest at Memphis, Tenn., October 13. This contest is sponsored by the National Dairy show which will then be in session.

Prof. J. B. Fitch, head of the K. S. A. C. dairy department, was official judge of Jersey cattle at the Waterloo contest this week.

THREE CONTRACTS LET ON POWER HOUSE EQUIPMENT

Dean Seaton and G. R. Pauling Confer With State Manager

Dean R. A. Seaton of the engineering division of the college and G. R. Pauling, superintendent of building and repair, were in Topeka Monday in conference with the state business manager regarding the letting of contracts for part of the equipment for the new power house on the campus. Contracts for the steam turbine driven feed pumps for the boiler were let to the Burdick and Pensinger company of Kansas City. Contract for the large traveling crane for the engine room was let to the Eichman Machinery company of Kansas City. A Whiting crane will be installed.

A contract for installation of the condenser pumps for pumping water condensed from steam back to the boiler was let to Reeves and Skinner of Kansas City. This contract calls for the Dayton-Dowd type of pump. All the equipment going into the plant is the most modern available in the field of engineering, according to Dean Seaton.

Payne Heads Airplane Firm

Amos Payne, '22, son of J. E. Payne, '87, and Mary (Cottrell) Payne, '91, of Manhattan, has accepted the position of chief engineer for a new \$2,000,000 airplane company in St. Louis. He resigns his position as director of the school of aeronautics at the University of Wichita and as technical expert at the Swallow Airplane factory in Wichita.

Morgans Live in New York

Mildred (Inskeep) Morgan, '12, spoke recently at the Presbyterian church in Manhattan. Mr. and Mrs. Morgan were engaged in missionary service in Rumania at the close of the World war and are now doing religious work in New York City. At one time Mrs. Morgan was secretary of the Y. W. C. A. at K. S. A. C.

Gross Wins Scholarship

Carl Gross, '23, has resigned his position as assistant sanitary engineer for the Illinois department of health at Springfield, and gone to Cambridge, Mass., where he will study at Harvard university. Mr. Gross was awarded a scholarship by the Rockefeller foundation for the year 1928-29.

Beach Studies More

Kay H. Beach, '28, asks that his INDUSTRIALIST be sent to him at the Michigan State college, East Lansing, where he is teaching assistant in vegetable gardening. He is also taking work toward his master's degree.

EXTENSION WORKERS MEET OCTOBER 15-20

FIELD STAFF AND SPECIALISTS TO TALK SHOP

President Farrell's Address Will Open Week of Conferences—Department of Agriculture Speakers to Be on Program

The 1928-29 program of extension work in Kansas will be laid upon the table and details worked out at the coming annual conference of county agents, home demonstration agents, and extension specialists from the college. The conference has been scheduled to be held at the college October 15 to 20. In addition to the entire staff of county field workers and residence extension workers, there will be representatives here from the United States department of agriculture, Washington, D. C.

SPECIALISTS ON PROGRAM

President F. D. Farrell will give the opening address of the conference at a general assembly in Waters hall the opening day of the session, at 8:30 o'clock. Immediately following his talk, M. C. Wilson, office of cooperative extension work, department of agriculture, will speak to the extension staff about "Factors Affecting Extension Progress."

The subject "Outlook Material, How Assembled and Its Value" has been assigned to Dr. N. J. B. Ezekiel, bureau of agricultural economics, U. S. D. A., Washington, D. C. The nationally known agricultural economist will talk at the 10:15 session Thursday morning.

Each day's program has been divided into three sessions—the morning or open session devoted to talks of general interest to all persons attending the conference; the afternoon or conference session; and the evening programs devoted to entertainment features.

PLAN ANNUAL "SMIXER"

On Monday evening will be held the extension mixer at the country club. Tuesday evening has been acclaimed the home demonstration agent night. An extension banquet has been scheduled for Wednesday night. The annual "smixer," a party for men extension workers only, has been assigned for the Thursday evening of entertainment. The K. S. A. C. pep meeting will engage the time of the extension visitors Friday evening.

The entire extension conference is under the general supervision of Dean H. Umberger, director of the extension service, K. S. A. C. According to the dean, this conference week is set aside each year to outline the plan of work to be followed the coming year.

COLLEGE FOUNDRY ADDS MUCH NEW EQUIPMENT

Improvements Include 12 Stands in Moulding Room—Course Now Conforms to Practices of Industries

The foundry at the college has added to its equipment twelve new stands for use in the moulding room. Students may now stand at their work instead of working on the floor as previously done. The stands are each equipped with the necessary tools such as trowels, brushes, belows, shovels, and tampers.

One of the new features in the moulding room is a special slip flask for moulding. This is so constructed that after the mould is finished and set on the floor the flask may be removed and used over again continuously. According to Prof. R. S. Sink, under whose direction they have been made, this represents the latest standard commercial practice and will not only enable the students to perform better work but much more work than formerly.

A new crane with special dump buckets such as is used at large foundries for charging the cupola has also been added to make the entire course conform to the best practices as found in the industries. An electric oven for baking the cores used in the moulds make the foundry equipment nearly complete in every detail.

In general, the reports and comments of American newspapers are more accurate and intelligent than those of any other country.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, October 10, 1928

Number 4

FOOTBALL MEN WORK ON KANSAS U. PLAYS

**HAYS TEACHERS, SATURDAY'S FOE,
APPEAR WEAK THIS SEASON**

Jayhawk Bird Probably Will Find Entire Purple Squad in Shape for Homecoming Fray; Teams Appear Evenly Matched

With a weather eye cocked toward Hays but most of the attention concentrated on preparation for the Homecoming game with K. U. October 20, the Aggie Wildcat football team worked with increasing intensity each day this week. Monday saw only a light practice, as most of the men were still recovering from the heat and the hard work of the Oklahoma Aggie game, but the rest of the practices have been arduous.

Unless unforeseen casualties are suffered in the Hays game, all the Aggie strength will be available for the Jayhawk game. A comparison of notes taken by those who saw K. U. defeat Grinnell, and the Aggies defeat the Oklahoma Aggies, would indicate that the Homecoming event will be a lallapaloosa.

BOTH LINES LIGHT

Both teams have fairly light lines, and speedy though comparatively inexperienced backfields. The stock of the Wildcat line went up sharply because of the manner in which it shoved the heavier Oklahoma Aggie line around last Saturday, but the K. U. line also did a lot of shoving to good advantage against Grinnell.

Alex Nigro, sophomore halfback, was forced to stay out of practice for a day or two because of injuries received in the Stillwater game, but will be back in a suit by the end of this week. K. C. Bauman, letter man at tackle and Al Myers, guard, both on the injured list for two weeks, have been practicing with the squad since Monday.

That leaves only J. F. Smerchek, halfback, on the injury list.

By getting off to an early lead and holding it the Aggies were not forced to go very deeply into their bag of tricks down in Oklahoma, and still have a few novelties to show the Jayhawks, a compliment which the Hargiss team no doubt will attempt to return with interest.

BOTH COACHES NEW

In addition to all the interest which attaches to the game because of the traditionally keen rivalry, there is the interest attendant on the matching of wits of the two newcomers to the Big Six coaching ranks, "Bo" McMillin of the Aggies, and Bill Hargiss of K. U.

It will be the first "Big Six" game for both teams.

The Aggies should have a fairly light day of it against Hays October 13. The Teachers have taken the count twice this season, last Saturday losing to the Emporia Teachers 34-0. McMillin is running no chances of being surprised by the Hays team, but is nevertheless looking on past it to Oklahoma and K. U.

The big red freshman team has been given K. U. plays, and is using them in practice against the varsity.

NEW POWER BUILDING READY DECEMBER 1?

College Expects to Install Three Engines Within Two Months, Says Dean R. A. Seaton

First units of the college heating, power, and electric light plant will be operated from the new power plant building north and west of the engineering building about December 1, according to Dean R. A. Seaton, of the division of engineering. The entire plant will not be operated from the new building until the fall of 1929.

The side-walls of the building are all up, and the roof is being rapidly completed. Three large engines and boilers will be moved into the new building about December 1, as these can be spared from service during good weather for the time necessary

PROGRAM NEXT WEEK
Highlights on the K. S. A. C. Calendar Next Week:
Extension workers' conference, Oct. 15-20; daily meetings—morning, afternoon, and evening.
Fifth District Federation of Women's clubs convention, October 17, 18, and 19; musical tea at Van Zile hall, October 18, Mrs. F. D. Farrell, Dean Mary P. Van Zile, and Dean Margaret Justin, hostesses.
Friday, October 19—recognition banquet for Kansas editors, 6:30 o'clock; pep meeting, 7 o'clock; Manhattan theater, "Is Zat So?" 8:15 o'clock; alumni party in recreation center.
Conference of teachers of economics and sociology, October 19 and 20.
Saturday noon, October 20—alumni luncheon at noon, college cafeteria; Jayhawk-Wildcat football game, 2 o'clock.
Manhattan theater, "Is Zat So?" 8:15.

to move them. During the summer months the three engines to be moved can carry the entire load while the rest of the equipment is being moved.

Actual cost of the building proper will be \$165,721. Total cost of the project thus far has been approximately \$200,000, including \$9,000 for the 200-foot smoke stack; \$6,100 for overhead coal bunkers; \$4,200 for coal and ash handling equipment, and \$12,000 for new pipes and connection wiring.

Reduction of the appropriation for the new building from \$375,000 to \$315,000 has caused the building to be "L" shaped rather than "U" shaped, as was originally planned. The third section will be added some time in the future.

Total cost of the entire project is \$315,000, which, with \$50,000 worth of equipment yet to be moved from the old building, places a valuation on the project of \$365,000.

The north end of the new building will contain offices of the superintendent of maintenance, the college custodian, the heat and power department, and the material and supply rooms.

The space in the engineering building which is to be vacated by the power plant will be used as a mechanical engineering laboratory, the purpose for which it was originally intended.

Construction of a new power plant has been imperative for several years, because of the dangerously high capacity at which it was necessary to run all equipment in order to heat and furnish steam and electric power to the expanding college plant.

PLAN INNOVATION FOR EDITORS NEXT WEEK

They Will Be Banqueted and Treated to Recognition Services by College Journalists

Newspapermen who come to the campus October 19 and 20 for the biennial get-together and the K. U.-Aggie football game will find an innovation awaiting them. Instead of the usual series of editorial conferences, the Jayhawk editors this year will attend a single meeting—a banquet for recognition of outstanding editors of the state.

The editors were chosen for the recognition by Kansas newspaper men and women themselves in a popular vote conducted by Sigma Delta Chi, men's journalism fraternity at the college. Names of the winning editors will not be made public until the time of the banquet program.

On Saturday the visiting editors will be guests of the K. S. A. C. athletic department at the K. U.-Kansas Aggie football game.

Noble Works for Navy

John C. Noble, '28, has left his home in Newton to go to Washington, D. C., where he will be employed in the engineering department of the navy yard.

Never in the history of the world has the average man had so many comforts and luxuries as has the citizen of this country today.

WHEAT NEEDS RAINS IN WESTERN KANSAS

MANY FARMERS PLANTING IN DRY GROUND

Use Furrow Drill as Alternative—College Agronomist Believes Growers Let Summer Moisture Get Away from Them Needlessly

Soil in wheat fields of western Kansas has been unusually dry during recent weeks of no rainfall and as a consequence many acres of wheat have been sown in dry ground, Prof. H. H. Laude, in charge of co-operative experiments, reported this week. Sowing is practically complete with little of the first sown wheat up, due to a shortage of moisture in the ground.

DIDN'T CONSERVE MOISTURE
Kansas farmers in many cases failed to conserve excess moisture

though the exact score was not figured because of the failure of so many men to finish. Oklahoma took first, second, and fourth places. H. A. Miller, Kansas City, Mo., of the Wildcat team, finished third.

**SOUSA KEPT BUSY DURING
FINAL MANHATTAN VISIT**

Bandmaster Scheduled to Direct Two Groups Beside Own

A busy day was in store Wednesday for Lieutenant-Commander John Philip Sousa, who was here with his band on his Golden Jubilee tour for a final appearance.

Sousa was to direct the combined boys' bands of the city, direct the college band in his "Golden Jubilee March," decide whether he would write a "K. S. A. C. March" in response to a petition to be presented by the student council, and present his band in its program.

ATLAS SORGHUM HAS EXCELLENT QUALITIES

**SUPERIOR TO OTHER VARIETIES
IN SOME RESPECTS**

Stands Up Straight Throughout Growing Season, Has White Seed, and Yields Well—Cross Between Kafir and "Cane"

A new sorghum variety, product of experimental work at the Kansas agricultural experiment station, is about ready to take its place along with Kanred wheat and Kanota oats, both of which were distributed by the Kansas station and have contributed millions of dollars to the pocketbooks of Kansas farmers. The new variety is Atlas, called that because of its ability to stand up well throughout the season.

A GOOD FORAGE YIELD

Atlas is a cross between Blackhull kafir and "sourless cane." It combines the good qualities of each. From the kafir is gets the white seed and the ability to stand up well. From the cane it gets the ability to yield, a heavy crop forage, leafiness, and sweet juicy stalks.

The new variety is about to be recommended because of its superior ability to stand up throughout the season. The forage yield of Atlas is about 80 to 90 per cent of the yield of Kansas Orange, but most farmers, according to Prof. John H. Parker of the experiment station, who selected and improved the variety, will be willing to sacrifice a slight loss in yield for a crop of equally high forage quality and superior grain quality, and one that stands up well when it nears maturity, thus reducing the cost of harvesting.

HAS MARKETABLE GRAIN

The white seed of the new variety is equal to that of kafir as a grain feed for livestock, or it can be sold on the market as grain sorghum, Professor Parker explained. The seed of Atlas does not have the undesirable characteristics of the brown, bitter seed of other saccharine sorghums. This improved variety of sorghum will not be recommended for use in western Kansas where cooperative tests with farmers and at the Garden City and Tribune branch stations have shown that it is not adapted to the higher altitude of western Kansas and the shorter growing season.

The cross from which Atlas sorgho was selected was made by I. N. Farr, farmer and sorghum breeder of Stockton, Kan. The experiment station at Manhattan and the branch station at Hays took over Farr's product to improve it. Since 1923, Professor Parker and other members of the experiment station staff have carefully experimented with it. The seed stock of Atlas sorgho that is now about ready to be recommended and distributed to farmers in the eastern half of the state is the direct progeny of a promising headrow selected in 1923.

KAMMEYER STUDIES AT NEW YORK UNIVERSITY

Is Graduate Student in School of Business Administration

Dr. J. E. Kammeier, head of the department of economics and sociology of the college, who is absent on leave for the present academic year is now enrolled in the graduate school of business administration at New York university, after a seven weeks tour of the northeastern part of the United States. Doctor and Mrs. Kammeier will live at Passaic, N. J., during the winter.

Blizzard a Busy Judge

W. L. Blizzard, '10, head of the animal husbandry department at Oklahoma A. & M. college, has been doing much livestock judging at state fairs this year. At present he is in Sacramento where he is judging the beef cattle classes at the California state fair.

Field Planted with Furrow Drill



A field of wheat after a January snowstorm and thaw at the Colby branch agricultural experiment station. Note the snow in furrows—deep, wide ones, the result of seeding with a wide spaced, deep furrow drill. The deep furrows hold the snow, stop soil blowing, and—as is the case this year—sometimes enable farmers to plant the seed wheat deep enough to reach moist soil when the top soil is too dry properly to start the newly sown crop.

which fell at the time of harvesting this year's big crop. The result is that wheat fields now have several inches of dry soil on top—too deep for the seed wheat to be planted down through to stored up moisture with an ordinary drill.

To overcome the moisture shortage, some western Kansas wheat growers are resorting to the use of wide spaced or deep furrow drills. Several farm machinery manufacturers have perfected deep furrow drills that are effective in planting the seed wheat deep enough to reach moist soil.

FURROW DRILL ADVANTAGES

Other advantages of the deep furrow drills are that the deep, wide furrow in which wheat is planted will utilize to the greatest extent any light rain or snow that falls, and will prevent damage to the young crop from soil blowing. The deep furrows gather and hold snow which in severe winter protects the crop from extreme low temperatures.

A feature recently added to some of the deep furrow drills is a device to scatter the seed over the bottom of a four inch wide furrow, rather than all in a narrow strip at the bottom of a narrow V-shaped furrow.

Many Kansas farmers are using both types of drills on their farms this fall. The old narrow rowed, shallow furrowed method of planting and the wide spaced, deep furrowed method. The experiment station agronomists look to this as an opportunity to compare on a large scale the two methods of planting.

It Was Hot at Stillwater

Mid-July weather was provided for the Kansas Aggie-Oklahoma Aggie football game at Stillwater, and both football teams were nearly exhausted before the end of the first half. Only six of the 12 cross country men who started finished, the rest being picked up in automobiles some distance from the stadium.

The Oklahomans won the race,

NEBRASKA ZOOLOGIST TALKS HERE TUESDAY

Dr. David D. Whitney Will Give Illustrated Lecture to Contemporary Thought Class

Dr. David D. Whitney, professor of zoology at the University of Nebraska, will give a lantern slide lecture on the subject, "Our Prehistoric Ancestors" in room 53, Fairchild hall, at 10 o'clock next Tuesday morning. The lecture is to be one of the series by specialists arranged for the class in contemporary thought. Doctor Whitney's talk will be open to the public.

Doctor Whitney will speak at a joint seminar of the zoology and the entomology departments in room 53, Fairchild hall, at 4 o'clock Monday afternoon. His subject concerns his work with rotifers and will be of special interest to advanced students in the fields of zoology and entomology.

Doctor Whitney will be the guest of the department of zoology and the department of industrial journalism of the college.

RECORD CROWD EXPECTED WILDCAT-JAYHAWK FRAY

Railroad Rates of Fare and One-half Granted for Game

Arrangements to handle a record crowd are being made by the athletic department for the K. U. (Homecoming) game October 20. Tickets are on sale through the alumni office, the athletic department office, and may also be bought in Manhattan through Eddie Dunn, or at the chamber of commerce offices.

Plenty of seats will be available, as the crowd of 16,000 at the last Jayhawk game at Manhattan was handled with plenty of room left for another thousand or two.

Fare and one-half rates for the game have been granted by the railroads.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, President..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, LILLIAN HUGHES NEIS-
WANGER, R. I. THACKREY, Assoc. Editors
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, OCTOBER 10, 1928

THE NEW STOVE

A new electric range is in the kitchen, writes your mother, and you cannot decide whether to be glad or sorry. Of course it will be a lot handier than the kerosene burner in summer but it is hard to think of her kitchen in winter without the merry wood-burning range there.

What a place was the oven of that old stove! It was good for thawing out cold feet after hunting, skating, or chores, as it was good for biscuits, roast, and brown toast. The stove really was the family hearth, for usually you could find your mother there, and where she was, of course, your brothers and your father always came.

You had to build the fire in it in the morning when you were a boy. Corn cobs, a little finely split post-oak, then larger sticks of post-oak, whiteoak, or blackjack. It was always the first job of the morning chores. There was a sense of satisfaction in doing it, even on very cold mornings. Building wood fires is an old human urge.

The old stove was once a new stove. Before it came there had been still an older stove, one that stood high on curved legs and had a bulging oven door that opened laterally. You remember when the new stove came, with its hotwater tank, warming ovens, and strange oven door opening downward. It must have been a kind of gift, for there appeared to be a festive spirit in the air. At first it didn't draw just right and you wondered if maybe it hadn't been a mistake to give up the old stove. But after its mechanism was mastered you were satisfied, for your mother assured you it was a lot handier than the discarded stove.

And now what was your new stove of boyhood days, today's old stove, must make way for a strange machine that burns fuel brought to it through copper wires. Your mother is glad to have it and there probably is a festive occasion at its installation—all that again. But you can't help feeling regret for you know not exactly what, knowing you'll never again hear the family news as you poke up the fire. One supposes your father felt somewhat that way when his mother began using a wood stove and gave up cooking at the fireplace.

TYPES OLD STYLE AND MODERN

Ignoring for the moment the medieval text types, the scripts, the sans-serifs or American gothics, and the freak types of various sorts, the usual work-a-day types of the present are divided into two grand classes, the so-called "old styles" and the "moderns." * * * The modern displays a machine finish; its outlines are smooth and accurate; its curves tend to be based upon the circle and its straight lines are obtrusively straight; it often has corners that are like a knife edge; it is characterized by verticals and horizontals both in its straight lines and in the lay of its curves; it usually has more contrast than the old style; that is, it is thicker where it is thick and tapers down to a narrower hair line where it is thin. It is a brilliant type, shining like a newly blackened shoe.

Old style, on the other hand, carries the flavor of the old hand-cut

letters. Its curves are more sweeping, imitate the oval rather than the circle, and are more likely to be so placed that their ends are not in line either vertically or horizontally. Its edges are smooth enough but without the obvious machine finish effect of the modern. Its corners are not sharpened to anything like a cutting edge. It has less contrast. It gives a pleasing gray appearance as distinguished from the hard black brilliance of the modern. The original Caslons are old styles but many Caslon styles have been much modified. It is the tendency toward modification that makes it hard for the beginner to recognize the two styles at first. Type-founders have tried to produce intermediate forms that have the advantages of both in some degree. The body type of most newspapers is a modified modern, while old style has a large and perhaps increasing sway in display matter, book and magazine work, and general printing. —From "Printing for the Journalist," by Eric W. Allen.

WHY G. E. S. ADDRESSES OUR WOMEN

Finally, I have been asked whether there are any intelligent women in America. There must be; for politically the men there are such futile gossips that the United States could not possibly carry on unless there were some sort of practical intelligence back of them. But I will let you into a secret which bears on this point. By this book I shall get at the American men through the American women. In America as in England every male citizen is supposed to understand politics and economics and finance and diplomacy and all the rest of a democratic voter's business on the strength of a Fundamental education that excites the public scorn of the Sioux chiefs who have seen their country taken from them by palefaced lunatics. He is ashamed to expose the depths of his ignorance by asking elementary questions; and I dare not insult him by volunteering the missing information. But he has no objection to my talking to his wife as to one who knows nothing of these matters: quite the contrary. And if he should chance to overhear—!! —From A Foreword For American Readers To "The Intelligent Woman's Guide to Socialism and Capitalism," by George Bernard Shaw.

NO TIME FOR READING NOW!

This is no weather for reviewing or for reading. There are any number of things one should be deciding about. For instance, there's Anne Parrish's new book, "All Kneeling." If it is as finely ironical as "The Perennial Bachelor," and if it's about what its title suggests, then we have an idea that Miss Parrish will show Mr. Lewis how "Elmer Gantry" might have been written. Mr. Mencken once said of Miss Parrish that hers was "a civilized habit of mind," which seems to us an excellent appraisal of the young author.

When we get around to reading again, "All Kneeling" will be about the first thing on our program. But we probably shan't get around to it until the middle of November at the very outside. Just now the idea of reading anything fills us with an inexpressible weariness. With all the autumn smells and sounds and colors there are going to be, with the blue mist on the prairies already growing bluer, it's revolting to think of sticking yourself away in a corner and reading about how someone else enjoyed the autumn. Winter and summer are for reading; but spring and autumn never! —Mugwump Musings in the Concordia Blade Empire.

ADJUSTMENTS FOR SUCCESS

Looking at the problem of life frankly, we realize that it is a matter of many adjustments. The human mechanism is constantly being called upon to make such adjustments, some of them so simple that we make them automatically—such as the adjustment that the body makes when we climb a steep hill, in the faster breathing and the increased pulse rate, or the wearing of warmer clothes in cold weather, or refraining from a hearty meal just before we are going to take strenuous exercise.

But other adjustments are more subtle. They lie in the control of

our emotions, in the ability to face the realities of a situation rather than to wrap ourselves in cotton wool and find ourselves in a world of fantasy, in learning how to live with people by actual experience in doing so rather than by simply reading about it in books. The ability to make these adjustments while we are in the formative years means the ability to succeed in our life job—and the lack of it usually spells mediocrity or failure. —Arthur H. Ruggles in "Why Men Fail" edited by Morris Fishbein and William A. White.

of a six weeks' campaign in colleges and universities of that state.

TWENTY YEARS AGO

J. C. Cunningham, '05, was appointed assistant in horticulture.

The Banda Rossa, consisting of 75 members, gave two concerts at the college auditorium.

The division of engineering legally became a department of the Kansas State Agricultural college.

Officers elected at the Rooters' club were: S. J. Stratton, president; John Carnahan, vice-president;

American Faith in Education

Frederick J. Kelly, President of the University of Idaho

Few things in all human history have been more sublime than the faith in public education which has grown up in the American public mind. This faith is still the dominant quality in the great majority of our people. Not only is this faith shown in the unprecedented growth in attendance in all the schools and colleges in the last decades but in the more significant fact that, in ever-increasing numbers, America's children carry their education on through high school and into college. While the increase in the number of children attending elementary schools in this country scarcely kept pace with the growth of population from 1890 to 1926, the increase in high school enrolments during the same period was more than ten-fold, and the increase in college and university enrolments was more than five-fold. In 1890 the average school life of a child was 770 days, whereas in 1926 it was 1246 days. Even since 1910, the attendance in high schools has more than trebled, while the attendance in colleges and universities has nearly trebled.

Not only has this faith manifested itself in attendance but in the extent of public support as well. From the people's taxes there was paid in 1916 for the education of each child in average daily attendance in the public schools less than \$45, but by 1926, ten years later, this amount had increased to more than \$100. The amount spent per child in average daily attendance has increased even faster than the value of the dollar has decreased since 1914. It should not be forgotten, however, that national wealth has increased approximately as fast as school expenditures. Nevertheless, we have so completely staked our faith on education that we are willing to strain our resources in order that public schools and colleges should have every chance to solve our perplexing social problems. Perhaps it should be said in passing that possibly we are not straining ourselves to meet educational costs as much as we allow ourselves to think. Not until we spend as much for schools as we do for tobacco will I believe the strain is over severe.

TWO STYLES IN WAR BOOKS

Stories need not be rough and uncouth to describe war as it was. Tolstoy did not need the crude language of the Russian soldier to get his effects; if he had, his great tale would never have carried over into English. Thomas Boyd, whose "Through the Wheat" does for the individual soldier of 1917 what Stephen Crane did for the lad of 1861, told his story without recourse to actual language.

But although these books succeeded, it does not follow that all books must be of their pattern. It by no means rules out the vital, driving force of original documentation in the work of Laurence Stallings, John W. Thomason, Leonard Nason, and James B. Wharton. The latter merely tells us anew that a book succeeds when it has vital force. We may prefer the one method or the other. Our preference is by no means criticism. In the hackneyed words that any of these lads would have used, "It don't mean a thing." —Harry Hansen in the New York World.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

The Aggies won in football against the Medical Officers' Training corps team by a score of 27 to 7.

Edward D. Wells, former student in industrial journalism was killed in action in the St. Mihiel salient.

S. W. Cunningham, '08, a former football star of the college completed a course at the Y. M. C. A. preparatory to going overseas for war service.

Dr. John R. Macarthur, then professor of English at the college, was called to Louisiana to take charge

Frank Parks, secretary, and Elmer Kittell, treasurer.

THIRTY YEARS AGO

Miss Miriam Swingle, '96, returned to take up advance study.

Prof. J. D. Waters sold the copyright of his work, "Industrial Drawing and Form Study" to the George W. Crane Publishing company.

Prof. E. M. Shelton, who nine years before had gone to Australia to establish a state agricultural school under the direction of the government, returned home.

FORTY YEARS AGO

Miss Amy Noyes, a former student, was married to Hiram Brady at Wabunsee.

John R. Bowersox of Belleville stopped at the college on his return from Ohio, to visit his son.

L. W. Call, '83, wrote from Washington, D. C., of his success in the examination for a clerkship in the judge advocate general's office.

Professor Failyer and J. T. Willard, then assistant to the former, inspected the Topeka Sugar works under special invitation of the superintending chemist.

FIFTY YEARS AGO

Professor Van Deman and Professor Failyer went to Topeka to attend the meeting of the Kansas Academy of Science.

Among the students enrolled were Charles Rust, William G. Hicks, Frank Tunison, James H. Jacobs, William A. Whiteside, J. B. Flack, Charles A. Finley, George A. Gordon, Louis C. Bowles, Ada A. Neusbaum, Lincoln H. Neusbaum, and J. H. Kent.

A FIG FROM THISTLES

Edna St. Vincent Millay

My candle burns at both ends;
It will not last the night;
But ah, my foes, and oh, my friends—
It gives a lovely light!

SUNFLOWERS

H. W. D.

OUR RESPECTS TO GENE

We imagine that when the press of a big country like ours gets after a fellow pretty hard and keeps on printing stories about how maybe he is going to get married and when and where and to whom he is going to be married he just gradually sort of weakens and finally gets to a place where he doesn't care what happens.

So we were not at all surprised the other morning when we picked up the paper and learned that Mr. Tunney, benedict, scholar, and expugilist, had been knocked out for a full count by that ever-impudent challenger, Mr. Cupid.

As you know, rumors that something like this was in the air have been flying around for some time. Indeed, it had got to the place apparently where the sports writers, the society editors, the special feature men, and the big assignment boys were all in cahoots on getting Gene married off to some millionaire girl. We don't believe he ever really had a fair chance.

They took mean advantage of Gene. They sneaked up on him in a way that makes a body's blood boil. For instance, when they first started to talking up this idea of his marrying some girl, they were mighty indefinite and hazy as to who it ought to be. Some favored one and some another, though they all agreed that she ought to be pretty well up in society and pretty well plastered with collateral, Gene having read The Merchant of Venice and Julius Caesar—a couple of full-length plays by William Shakespeare—and being in other ways inclined toward polite literature, which is a rather non-productive pursuit as far as social preference and a bloated income are concerned.

After a time, however, the newspaper men and women got together and picked out a girl from one of the thousands of proudest and wealthiest New England families in America and shadowed her and Gene until there really was no hope. As early as January of the present year they had found out that she was heirless to five or ten million. In March she was worth twelve million; in June, fifteen; in July, twenty; and in August, thirty. When Gene hurriedly married her a few days ago, she had, according to the front page, just a little short of fifty million.

Now it would take more than a Shakespearean scholar to get on his feet in less than fourteen seconds after a press assault like that, and our guess is that Gene decided he'd better give up before he had to take over General Motors and Standard Oil and United States Steel and other businesses that might interfere with his finishing the reading of Macbeth.

Never having married for money, we have no objection to anybody else's doing it; and we are mighty glad to see that Gene was slick enough to jump in time and outwit even the newspapers before his literary career was all but ruined.

We think, too, that Gene did right to get married in Italy, where a husband has some rights and doesn't have to stand for his wife not cooking his meals regularly unless he decides that it is best after all not to say anything about it.

But what we are most pleased about is that the only Shakespearean scholar who ever got his name on the front page—a man who hates publicity like poison—was brainy enough to get away to a quiet wedding with only 98 newspaper reporters and 35 motion picture operators waiting for him when he came out of the front door of the church, slipped around to a concealed motor car in the alley, and sailed away into obscurity.

If the world will be gulled, let it be gulled.
—Robert Burton.

AMONG THE ALUMNI

Rollo E. Venn, '27, is located at 342 Ida avenue, Wichita.

Jacob U. Secrest, '94, is manager of a grain elevator in Imperial, Neb.

Raymond M. Williams, '24, is located at 2818 Highland, Kansas City, Mo.

Myron Reed, '27, is coaching athletics in the high school at Wray, Colo.

Perry J. Hershey, '22, is located at 4108 Parson boulevard, Flushing, N. Y.

Charles E. O'Neal, '16, is practicing veterinary medicine in Monticello, Miss.

Harley M. Hunter, '10, is teaching in the Agricultural and Mechanical college at Orangeburg, S. C.

G. J. Fiedler, '26, is working for the Radio Corporation of America. He is located at 6114 Prairie avenue, Chicago.

John T. Pearson, '22, M. S. '27, is connected with the wheat department of the Southwestern Milling company at Kansas City.

J. K. Muse, '24, is assistant professor of animal husbandry at the Panhandle Agricultural and Mechanical college at Goodwell, Okla.

H. Leigh Baker, '22, principal of the Manhattan high school, was awarded the master of arts degree from Chicago university this summer.

L. B. Smith, '26, has returned from a year's leave of absence spent at Harvard doing graduate work. He is an instructor in the department of architecture.

Clarence A. Sloan, '28, H. V., Rathbun, '27, and E. D. Nygren, '26, are working in the overhead engineering department of the Kansas City Power and Light company.

C. W. "Jud" Brion, former student at K. S. A. C., visited in Manhattan last week. "Jud" was an outstanding athlete, taking an active part in baseball and football activities.

Ray Marshall, '22, has been transferred from Fort Benning, Ga., to the military department at K. S. A. C. He and Mrs. Marshall, formerly Frances Casto, '22, are living at 1223 Poyntz.

Vernon E. Bundy, '20, and Mrs. Bundy, of Columbus, Ohio, are watching with interest the progress of the Reed campaign for governor in Kansas. Clyde M. Reed, Republican nominee, is the father of Mrs. Bundy.

Lucy (Platt) Stants, '12, writes from Blackwell, Okla., that she and Mr. Stants are on the state highway paved road to Texas and would be glad to have any Aggies stop and see them. Mrs. Stants' sister, Beverly Platt, f. s., is managing a ready-to-wear shop in Blackwell.

MARRIAGES

WEBB-FREY

The marriage of Frances C. Webb, f. s., of Greenfield, Mo., and E. Wayne Frey, '28, of Manhattan, took place at the home of the bride's parents August 25.

SICKLES-JOHNSON

The marriage of Audrey Sickles of Marion, Ohio, to Alfred W. Johnson, '25, took place at the home of the bride September 16. Mr. and Mrs. Johnson are at home on a farm near Vliets.

McBRIDE-HEDBERG

The marriage of Helen Louise McBride of Tulsa, Okla., and Robert Hedberg, f. s., took place at the home of the bride July 20. Mr. and Mrs. Hedberg are making their home in Memphis, Tenn.

HALL-HOTCHKISS

Helen Hall of Schenectady, N. Y., and A. G. Hotchkiss, '26, of Manhattan were married September 1. They are at home in Schenectady where Mr. Hotchkiss is an engineer with the General Electric company.

ELBERSON-FLEMING

Mr. and Mrs. J. A. Elbersson of Sedgwick announce the marriage of their daughter, Alice Mary, f. s., to

Inclosed is my check for..... covering the cost of.....tickets to the K. U.-Aggie game on Oct. 20.

Name

Street

Town, State

Irl F. Fleming, '16, August 23. Mr. and Mrs. Fleming are at home in the Wareham hotel in Manhattan.

HARSH-WICHERS

Announcement has been made of the marriage of Fern Elizabeth Harsh, '28, to Everett G. Wichers at the home of the bride's mother in Manhattan August 2. After a western trip they are at home in Cassoday.

JOHNSON-SYKES

The marriage of Achsa Johnson, '26, to Fred Sykes, '26, took place in Manhattan August 11. After a western trip Mr. and Mrs. Sykes are at home in Coldwater where Mr. Sykes is county agent of Commanche county.

SULLIVAN FRITZLEN

The marriage of Josephine Sullivan, '20, of Wamego to David Fritzlen of Chicago took place in Wamego August 16. After a trip into Canada Mr. and Mrs. Fritzlen are at home at The Shoreham, 3318 Sheridan Road, Chicago.

BAINER-JOHNSON

H. M. Bainer, '00, and Clara (Nitcher) Bainer, f. s., announce the marriage of their daughter, Ruth, '28, to Ramond Johnson, '26, at their home in Manhattan August 1. Mr. and Mrs. Johnson are at home in Schenectady, N. Y.

MORLAN-WARREN

F. B. Morlan, '00, and Mrs. Morlan announce the marriage of their daughter, Ellen, '28, to Ronald Homer Warren, f. s., at their home near Courtland September 24. Mr. and Mrs. Warren will make their home in Courtland.

RANKIN-WISECUP

Mr. and Mrs. William Rankin announce the marriage of their daughter, Jeanie, f. s., to Clell B. Wisecup, '26, M. S. '28, at the Episcopal church in Manhattan August 21. Mr. and Mrs. Wisecup are making their home in Stanford, Fla.

WINKLER-SMITH

Mr. and Mrs. A. N. Winkler announce the marriage of their daughter, Bernice Katherine, '27, to Dr. L. H. Smith, '28, at the Congregational parsonage in Manhattan September 1. Dr. and Mrs. Smith are at home in Osage City.

MAUST-LOWE

Mr. and Mrs. A. L. Maust of Kansas City announce the marriage of their daughter, Orpha, '22, to Steen Lowe in New York City July 28. Mr. Lowe was director of the University Afloat in 1925 and 1926 on which Miss Maust was an instructor.

LONG-DARY

Ruth Engle Long, '26, M. S. '27, was married to M. Russell Dary of Hartford, at the Presbyterian church in Manhattan September 18. After spending a few weeks in Texas, Mr. and Mrs. Dary are now at home in the Wareham hotel in Manhattan.

WILSON-HAYS

The marriage of Byrda Wilson, f. s., of Chillicothe, Mo., to John Z. Hays, '27, of Manhattan took place in Chillicothe August 21. Mr. and Mrs. Hays are making their home in Diamondville, Wyo., where Mr. Hays is principal of the city schools.

REMICK-HACKER

Prof. B. L. Remick and Harriett (Vandevert) Remick, '97, of Manhattan announce the marriage of their daughter, Agnes, '27, to James Hacker, '27, in Pasadena, Cal., August 16. Mr. and Mrs. Hacker are at home in the Gramercy Arms apartments in Los Angeles.

Arrange Homecoming Party

The K. S. A. C. alumni association is planning for a little more than the ordinary activities for the homecoming October 20 when the Wildcat will attempt again to thoroughly pluck the Jayhawk's feathers. H. W. Johnston, '99, president of the Riley county association, is beginning to organize the forces for action.

He promises that the homecomers will know we're here and says he already has two deans and a doctor on the committee so there will be enough "bosses" to go around. The tentative plans call for a get-together party, probably in recreation center, on the evening of October 19. Acquaintances will be renewed during the evening. A dutch lunch is planned at noon on Saturday at the cafeteria. After the lunch comes the big contest in Ahearn Memorial stadium.

Make your plan to attend now!

BIRTHS

E. H. Ptacek, '18, and Arria (Neal) Ptacek of Topeka announce the birth of a son September 20.

Mr. Eben Roush, '26, and Dorothy (Sanders) Roush, '26, of Maplehill announce the birth of a daughter, Edwes Yvonne, September 13.

Glen C. Ware, '18, M. S. '28, and Mrs. Ware announce the birth of a son September 1. Mr. and Mrs. Ware make their home at 1517 Leavenworth, Manhattan.

Hiram S. Gish, '14, and Mable (Niehenke) Gish, f. s., announce the birth of a son September 14, whom they have named Elbert Louis. Mr. and Mrs. Gish live near Manhattan.

Wisecups Like Florida

C. B. Wisecup, '26, M. S. '28, writes from Sanford, Fla., that he and Jeanie (Rankin) Wisecup, f. s., were not in the path of the recent hurricane but have felt some of the effects of it. He says, "We like Florida very much in the short time we have been here. We have already seen five Aggies and plan to see Bachman's football team in action this fall." Mr. Wisecup is working for the bureau of entomology of the United States department of agriculture and at the present time is conducting research on celery insects.

C. C. Wilson Studies Insects

C. C. Wilson, '24, is doing experimental work with insects in Sacramento, Cal. "Had a talk with Prof. H. B. Walker, agricultural engineer now with the University of California, and he said he surely missed the students at K. S. A. C.," Wilson writes. "Insect activity in California is always on the go, consequently experimental work is in progress the year round."

Harter Sees the Series

Bernard C. Harter, '25, extols the advantages of working on a morning paper, since this fact enabled him to attend the world series baseball games last week. He is a member of the sports staff of the New York American. He will be remembered as center on the Aggie football team for three years during his attendance here.

ANNUAL STADIUM DRIVE WILL BEGIN OCTOBER 14

William N. Jardine Chosen as Head of Campaign Organization—Sets a Goal of \$25,000

The annual stadium drive will be launched Thursday, October 18, with a \$25,000 goal, according to William N. Jardine, whose appointment as chairman of the drive committee was announced this week by Prof. J. V. Cortelyou, secretary of the stadium corporation.

Freshman, other new students, and new members of the faculty will be asked to pledge.

PRESENT STRUCTURE PAID FOR

The cost of the stadium as it now stands, with the east and west sections and the east wall built, has been met with the exception of \$16,000, and pledges already made will more than meet this balance. New subscriptions probably will be used toward constructing the west wall,

Get Those K. U. Game Tickets

Reservations for the K. U. (Homecoming) game are now being made through the alumni office. Tickets are \$2 each, and will be in a block of good seats set aside by the athletic department for the use of the alumni. Reservations should be made as soon as possible, as the seats will be apportioned by the rule of "first come, best served." All remittances for game tickets should include 17 cents for insurance and postage.

the next item on the stadium program. Building of the oval south end section will follow.

Approximate amounts paid thus far are as follows: Faculty, \$31,740; students and alumni, \$141,925; Manhattan townspeople, \$43,300; field, \$7,164; miscellaneous, \$1,913; total, \$226,042.

Total cost to date, including grading, the drain sewer under the field, building the track, and building of the stadium as far as it is completed, is \$244,560. The cost of the entire project is estimated at \$500,000.

FIRST DRIVE IN 1922

The first stadium campaign was begun at a chapel on April 25, 1922. During 1922, 1923, and part of 1924, fund solicitation was carried on throughout the United States, but the last three years the drive has been confined to the campus.

Jardine is the son of W. M. Jardine, former president of the college, now secretary of agriculture.

EXTENSION WORKERS FACE HEAVY SCHEDULE

Their Week of Conferences Will Be Steady Morning, Afternoon, and Evening Affair

County agents, home demonstration agents, and other extension workers in Kansas will follow a busy schedule at the college next week, the program arranged for them indicates. From the first session on Monday morning, October 15, at 8:15 o'clock until Saturday noon, October 20, the extension people will be busy with meetings, conferences, and an occasional entertainment program.

At 9 o'clock Monday morning President F. D. Farrell will address the extension people, welcoming them to the college for another annual conference. Following the president's address at 9:30 o'clock, M. C. Wilson, cooperative extension specialist of the United States department of agriculture, will address the meeting on the subject, "Factors Affecting Extension Progress." This will be followed by a report of extension progress in Kansas by A. L. Clapp, district county agent.

Each afternoon of the week the visitors will separate into groups to discuss special agricultural projects. A general assembly each morning will be carried out through the week.

The social calendar for the week is as follows: Monday evening—extension mixer in the Hotel Wareham ballroom, Tuesday evening—"demonite," which means demonstration night, Wednesday evening—annual extension banquet, Thursday evening—annual "smixer," Friday evening—pep meeting in the college auditorium, Saturday afternoon—annual Kansas U.-Kansas Aggies football game.

Another headline speaker from off the college campus is Dr. N. J. B. Ezekiel, bureau of agricultural economics of the United States department of agriculture. His subject for Thursday morning is "Outlook Material, How Assembled and Its Value." Doctor Ezekiel will also address the conference on Friday morning on a similar subject.

Kerr Works in Minnesota

Milton Kerr, '28, writes from Hutchinson, Minn., where he is working on The Leader, a weekly newspaper with a circulation of over 2,000. "The work seems to agree with me for I am enjoying it thoroughly," he says, "getting lots of experience, and having a good time. If I can live through the long, cold winter all will be well. This town is only 58 miles west of Minneapolis so I plan to get down to the twin cities occasionally to look up some former Aggies." Kerr was prominent in college activities while in school.

RECENT HAPPENINGS ON THE HILL

The dairy judging team will compete in the national dairy show at Memphis Saturday, October 13.

Twenty-two members were initiated by the Wampus Cats, pep organization, at a recent meeting.

Clyde M. Reed, Republican candidate for governor, was to be the speaker at student forum meeting Thursday.

Fall elections for the various class offices will be held October 18, according to announcement of the student council.

More than a thousand football fans "saw" the Oklahoma Aggie-Kansas Aggie football game on the gridgraph at the Wareham.

Freshmen engineers followed tradition last Thursday, and turned out en masse to give the big cement "K" on Mount Prospect its annual white-wash bath.

Prof. H. B. Summers, coach of debate, was elected president of the Kansas and Missouri debating associations at a joint meeting held in Kansas City recently.

Rifle teams for both men and women will be organized this year, according to Captain M. Rose, sponsor of the teams. Six members of last year's men's team have returned.

Evelyn Torrence of Manhattan and E. M. Newby of Randolph were winners in the radio audition contest conducted over station KSAC this week. They will compete in the state contest at Wichita October 16 and 17.

Prof. E. D. Sayre announced last week the addition of 20 new members to the women's glee club. Plans are being made for the club to tour towns within a 200 mile radius of Manhattan.

Four candidates for the honor of being Harvest Queen at the annual Ag barnwarmer dance have been nominated, and the winner will be chosen by the agricultural association October 11, the day before the dance.

The \$150 undergraduate scholarship offered by the local chapter of the American Association of University Women is to be replaced by a \$200 fellowship for graduate work, according to Mrs. C. O. Swanson, president.

Sigma Delta Chi, honorary professional journalistic fraternity, announces the pledging of the following men: Solon Kimball, Manhattan; Earl Richardson, Iola; John Watson, Frankfort; Harold Taylor, Clay Center; Harry Dole, Almena; Byron Herrington, Silver Lake.

The old Missouri Valley conference, from which K. S. A. C. withdrew with five other schools last spring, is to be enlarged to include six or seven schools, including one or two of the present Kansas conference members, according to tentative plans. Washington, Drake, Grinnell, and Oklahoma Aggies are now members of the conference.

Mary Taylor at K. S. A. C.

Mary F. Taylor, '19, has been transferred from the household physics department to the household management department at K. S. A. C. During the past summer she constructed a portable table saw which will be used in her classes. The saw has many attachments valuable to the housewife and its construction is bringing Miss Taylor much favorable comment.

Surmelian Publishes Poem

Eugene Sumelian, a former student, has written a poem "Wheat Fields in Kansas" which appeared in the Lyric West, a magazine published in Los Angeles. Mr. Surmelian lives in Olive View, Cal. He writes that his health, while not markedly improved, is not worse.

HATCHERYMEN COME FOR ANNUAL MEETING

MANY REMAINED FOR TWO DAY
INSTRUCTION

Will Demand Closer Inspection of
Breeding Flocks in Future—Ope-
rator's Duties to Poultryman
Outlined by M. A. Seaton

Members of the Kansas Accredited Hatchery association met at the college Monday for an annual conference. Forty persons representing hatcheries attended, and many remained over for yesterday and today for the two day hatcherymen's school conducted for them by the college poultry department.

Outstanding among points discussed by the hatcherymen was the fact that they are demanding closer inspection of flocks from which their eggs for setting come. The Kansas Accredited Hatchery association and the Kansas Poultry Improvement association employ inspectors to accredit poultry flocks when the flocks reach certain standards of excellence. From these flocks come the eggs for a vast amount of the Kansas hatchery industry.

SET HIGHER STANDARDS

The producers of these eggs must keep their flocks up to a higher standard in the future, the hatcherymen decided. The poultry inspectors who attended a six day school at the college last week were agreed that higher standards should be enforced. Flocks will be culled closer for size, color, production ability, disease, and other characteristics.

Prof. G. T. Klein, extension poultryman of the college, outlined at the hatcherymen's meeting a plan for uniting the efforts of three poultry groups of the state under one full time secretary or field man. The Kansas Poultry Improvement association, the Kansas Accredited Hatchery association, and the Kansas Accredited and Certified Flock association would join hands under Klein's plan. The field man would be responsible for buying supplies for the three groups, he would follow through on complaints against hatcherymen or other members of the association, he would be in charge of membership matters, and he would be charged with the responsibility of carrying to members and others a clear understanding of the rules and purposes of the association.

B. W. D. TEST IN DEMAND

J. H. Hackley, operator of Cherryvale, answered in the affirmative to the question of whether there is a demand for chicks tested and proved free from bacillary white diarrhea. Hackley lost money for two years trying to convince buyers that the blood tested, accredited chick was a good investment, but the third year his customers began to see the wisdom of buying chicks accredited free from the B. W. D. organism. Buyers who have tried the B. W. D. free chicks would not return to chicks that are not tested, Hackley declared.

Flock owners can protect themselves against patent medicines of questionable value by referring to the hatchery operators and the college poultry department for advice, H. M. Scott of the college poultry staff told the hatcherymen. Bulletin 106 was recommended as a guide for use of patent medicines.

DUTIES OF HATCHERYMEN

Hatcherymen should shoulder the responsibility for improving flocks from which their eggs for hatching come, M. A. Seaton of the college poultry staff declared. The hatcherymen can visit farmers and poultrymen occasionally during the non-hatching season to show them how to improve their flocks.

It was suggested that the operators might urge poultrymen to introduce high producing hens into their flocks occasionally, and to bring in males from high producing stock to improve their breeding stock.

CAN IMPROVE HATCHABILITY

A way to improve the hatchability of eggs was outlined by Mr. Seaton. Since vitamin A and vitamin D affect the hatchability of eggs the hatchery owner can well afford to see that flocks from which his eggs come are supplied these necessary vitamins. Vitamin A is present in large quantities in yellow corn and green feed,

hence yellow corn and plenty of alfalfa hay will be recommended for the hens' rations during the winter months immediately preceding the hatching season.

Vitamin D comes chiefly from sunshine. Therefore, in Kansas where sunshine is abundant, Mr. Seaton explained, the hatchery operator can counsel the poultryman to let his hens have free range in the pleasant weather. An open, south front house for the birds will also make available the necessary rays of sun.

MOST FLOCKS CROWDED

Even the matter of crowding chickens can be partially corrected by the hatcheryman if he will explain to the poultryman the need of proper housing for poultry, Seaton said. The recent survey of 250 Kansas flocks which showed that only 32 per cent of the flocks had enough floor space per bird, indicates that considerable improvement can yet be made in housing methods.

A further suggestion was to urge poultrymen to combine production with exhibition qualities in an effort to get a desirable breeding type.

LOUIS AICHER SUFFERS UNFORTUNATE ACCIDENT

Loses Finger in Ensilage Cutter at Ft. Hays Station

Louis C. Aicher, '10, superintendent of the Ft. Hays branch agricultural experiment station, had the misfortune last week to have his right hand crushed in an ensilage cutter, during silo filling season at the station. The accident caused the loss of the index finger on the hand, and badly injured the other fingers.

Much Interest in Opera

Much interest is being shown both on and off the college campus in the Victor Herbert opera "Naughty Marietta," to be presented at the college auditorium Thursday night, November 1, under auspices of the local A. A. U. W. chapter.

The opera is a story of early New Orleans, and deals with the inevitable, comic, and in this case musical, conflict between two men interested in the same girl.

PROGRESS OF KANSAS PRESS

F. E. C.

The Holton Signal of which S. T. Osterhold is editor probably prints as high a proportion of news to advertising as any weekly paper in Kansas. The Signal is among the best in makeup and printing, and no paper gets a nicer layout on its display ads. The Signal should be popular with both the subscribers and advertisers.

Mrs. Thos. E. Thompson comments on the effectiveness of the short paragraph in her column:

In the Howe autobiography, just concluded, the author seems to think if it were to be done over, he might not employ the short paragraph. It is doubtful if the Atchison Globe would have become so widely known by any other means. A newspaper can be financially successful without any such feature. But literally there are thousands of readers who will read and watch for the short paragraph who will read little else, exclusive of sports or some favored line of the news. As advertisement, it is perhaps without a parallel.

The St. Paul Journal is now in its sixty-first year with A. J. Hopkins as its editor.

J. P. Ruppenthal's column "Stockman and Farmer," in the Russell Record is one of the best farm departments to be found in Kansas papers. The Record is fortunate in having Mr. Ruppenthal, a local banker, as a regular contributor. A few samples of his paragraphs follow:

A paragrapher notices that a lot of nice little cottages are covered with vines and plastered with mortgages.

With an abundance of good grass in every pasture and with a dry fall, there will be more danger of prairie fires than in many years. Those who burn old stacks, weeds or trash should take every precaution to prevent loss of grass by fire. While some of this grass may not have much feed value it will serve a purpose in holding rains that would run off bare ground, and will conserve moisture next spring, and serve as a mulch for the new grass then.

J. A. Thoman was up from the farm near Bunkerhill the first of the week. He reported a wheat yield of 24 bushels per acre on 285 acres, and says he has the land in prime shape for the fall sowing. The ground was turned over

NAMES OF NEW OFFICERS OF R. O. T. C. ANNOUNCED

S. J. Holmberg, Stillwater, Minn., Is
Colonel—Selections Announced
by Colonel Petty

S. J. Holmberg, Stillwater, Minn., was announced as colonel of the college R. O. T. C. unit for the school year 1928-29, in the recent list of appointments made public by Colonel J. M. Petty, head of the department of military science. Holmberg is a senior in general science.

M. C. Coffman, Wakefield, senior in electrical engineering, is to be lieutenant colonel; J. L. Blackledge, Sheridan, Wyo., is a major of infantry, and N. T. Dunlap, Barryton, major of coast artillery.

Other appointments were as follows:

CAPTAINS

Infantry—M. B. Ross, Manhattan; S. M. Miller, McPherson; S. G. Kelly, Manhattan; A. W. Higgins, Manhattan; T. F. Winburn, De Kalb, Mo.; R. P. Smith, Junction City.

Coast artillery—M. W. Coble, Sedgewick; L. H. Davies, Manhattan; E. G. Downie, Hutchinson; A. E. Dring, Pawnee Rock; G. K. Hays, Manhattan; R. W. Myers, Manhattan; H. G. Wood, Topeka.

Veterinary—L. G. Hamilton, South Haven; H. E. McClung, Manhattan; L. O. Mott, Spencer.

FIRST LIEUTENANTS

Infantry—C. H. Hughes, Manhattan; M. Mundell, Nickerson; J. E. Barger, Manhattan; A. V. Roberts, Vernon; F. B. Alspach, Wiley.

Coast artillery—A. Barneck, Salina; G. E. Drollinger, Wichita; E. F. Harrison, Great Bend; A. H. Hemker, Great Bend; J. K. Limes, La Harpe; J. C. Marshall, Manhattan; C. B. Olds, Delphos; C. E. Reader, Troy; J. S. Rhodes, Tampa; J. W. Sweet, Wichita; G. D. Van Pelt, Beloit; R. E. Wheeler, Manhattan.

Veterinary—D. DeCamp, Manhattan; C. R. Omer, Mankato; H. E. Skoog, Corbin.

SECOND LIEUTENANTS

Infantry—D. G. Purcell, Manhattan; C. S. Williams, Dodge City; G. H. Ryan, Chillicothe; D. Stanford, Kansas City; C. F. Christman, Hutchinson; B. Pearson, Manhattan; L. E. Hammond, Osborne; A. A. Mast, Abilene; J. L. Minor, Syracuse; J. A. Stewart, Manhattan; A. O. Turner, Valley Falls; L. M. Pike, Goddard.

Coast artillery—T. R. Brennan, Bonner Springs; A. L. Coats, Altoona; J. R. Coleman, Wichita; C. E. Converse, Manhattan; P. A. Cooley, Neodesha; K. W. Ernst, Topeka; A. O. Flinger, Manhattan; C. E. Hammett, Manhattan; W. M. Herron, Manhattan; T. B. Hofmann, Silver Lake; R. W. Hofess, Hutchinson; J. E. Irwin, Le Roy; R. W. Kel-

log, Manhattan; F. N. Kennedy, Anthony; Fay Kimes, Dodge City; Wayne Kimes, Dodge City; G. Koger, Herington; D. C. Lee, Harper; R. E. McCormick, Oatville; P. E. Massey, Yates Center; C. H. Mehaffey, Farmington; W. H. Murray, Manhattan; J. W. Schwanke, Alma; C. H. Symamon, Wichita.

Veterinary—T. J. Muxlow, Manhattan.

NEXT WEEK WILL BE BUSY ONE AT K. S. A. C.

Governor Ben S. Paulen, Speaking Over
K. S. A. C., Will Be Among Many
Visitors to Campus

Next week will be a busy one on the campus of the Kansas State Agricultural college with half a dozen conferences and meetings on schedule, to say nothing of the K. U.-Aggie football game, and dozens of homecoming events.

The annual conference for extension workers of Kansas is scheduled October 15-20. On October 19-20 the Kansas association of teachers of economics and sociology hold their annual meeting culminating with attendance at the football game Saturday afternoon. The Kansas editors will also meet. Their conference this fall will be something of an innovation. Their one and only meeting will take the form of a recognition banquet sponsored by the Sigma Delta Chi, men's journalism fraternity of the college. Outstanding editors will be recognized for their superior newspaper work at the banquet.

On October 17, 18, and 19 the fifth district federation of women's clubs will be meeting in Manhattan. Their sessions will add to the rush and excitement of the week since many college people will participate in the meetings. On Thursday afternoon a tea will be given in Van Zile hall, with Mrs. F. D. Farrell, Dean Mary P. Van Zile, and Dean Margaret Justin as hostesses.

In addition to the foregoing meetings scheduled for the evening of October 19, the Riley county alumni association of the college plans a renewal-of-acquaintance party in recreation center.

A pep meeting is scheduled at the college auditorium and this is to be followed immediately by the Manhattan theater production "Is Zat So?" This play will be presented again on Saturday night.

Governor Ben S. Paulen will be a visitor to Manhattan October 20, and will speak from station KSAC at 8 o'clock that evening on the subject of amending the constitution to permit the state to construct highways. John W. Gardner, a director of the highway commission, will talk on the same general subject immediately following Governor Paulen's address.

NINE FOREIGN STUDENTS ENROLLED AT K. S. A. C.

Graduate Work and Special Courses
Prove Most Popular
With Them

Nine students from foreign countries are enrolled at the Kansas State Agricultural college this semester. Of these, four are taking graduate work and two are enrolled as special students.

K. P. Nickoloff, a graduate student from Bulgaria, has been obliged to withdraw from school because of illness. He is in the college hospital at the present but the plan is to move him to Norton, where it will probably be necessary that he remain six months. A special fund for this cause is being taken up under the direction of Richard Bennett, head of the finance committee which is supervising the work. No special plans as to the method of collection have yet been made, although \$26 has already been received from unsolicited sources.

Other students from foreign lands who are enrolled at the college follow: Conrad C. Spangler, graduate work, New Brunswick, Canada; Luis Alfredo Cortes, senior in architectural engineering, Bogota, Columbia; Ali Nouman, graduate work, Angora, Turkey; G. A. Lanzrein, special, Switzerland; Baha E. Bakri, special, Syria, Damascus; Walter E. C. Gill, veterinary medicine, Barbados, British West Indies; Mildred Marie Smith, freshman in home economics, Alberta, Canada; and Edwin Ziegler, graduate work, Soleme, Switzerland.

Education is one of the most important forces for insuring the existence of our government.

'SOONER' AGGIE TEAM WILDCAT VICTIM 13-6

TWO K. S. A. C. TOUCHDOWNS IN
FIRST HALF INSURE VICTORY

Line Proves Capability While Backfield
Lives Up to Previous Reputation;
First Touchdown Comes in
First Five Minutes

(By H. W. DAVIS)

The large crowd of Wildcat enthusiasts who gathered at the Wareham motion picture emporium on last Saturday afternoon to see and hear what was happening down at Stillwater, where "Bo" McMillin's semi-huskies were scrapping with Oklahoma Aggies, did not ask for any money back. Everybody was pleased that the Wildcats were on the long end of the 13 to 6 count. And everybody was more than pleased that the Kansas Aggie line functioned so satisfactorily.

Since the game with the Bethany "Swedes" a week earlier, the more or less intelligent of the followers of "Bo's" boys have done a bit of wondering. Mostly they have wondered about the seven men up against the line of scrimmage whose business it is going to be to give the shifty backfield the chance that it must have. The game with the Oklahoma Aggies demonstrated that the Wildcat line is not going to play second fiddle to a brilliant backfield. And the trace of concern on the face of the hot-stove leaguers has given way to a bit of smile.

NIGRO STARTS IT OFF

The game at Stillwater was initiated by a 65-yard return of punt, Alex Nigro, swishing around behind splendid interference, giving the Oklahoma fans an abrupt introduction to the assault that was to be. He was stopped on the Oklahoma 30-yard line. Then, just to show that he really meant it, he added 20 yards on the next four plays. And then, to avoid monotony, the Wildcats decided to pass. A flip, Nigro to Towler, carried the pigskin across the goal line before the game was five minutes old.

Early in the second quarter the Kansas Aggies got the ball in their possession on the Oklahoma 40-yard line. After two unsuccessful line plays Meissinger passed to Daniels for 9 yards, rammed center for 6, passed to Towler for 19 more, and hit the line for 5. If arithmetic is to be trusted, Mr. Meissinger should be credited with 39 fortieths of a touchdown, for on the next play Evans shot out around end for the remaining two and a half per cent of the successful assault.

OKLAHOMA SCORES ON BREAK

Oklahoma's scoring was accomplished early in the fourth quarter. With the ball in their possession on the Wildcat 40-yard line Choate punted to Platt who accidentally touched the ball as it was about to roll over the goal line, and an Oklahoma man fell on it on the one-yard line. The Wildcat wall held on the next two assaults. Then Butterfield, who was substituted for Williams at quarterback, charged through the center of the Kansas line for a goal.

With this one exception the play for the entire second half was kept pretty well away from the goal lines and the ball was often in the air. Oklahoma resorted to a passing attack in the hope of knotting the score, but for the most part results were negligible. The play was hard and fierce and each team suffered penalties for what the officials decided was excessive zeal to win. From what could be seen through the Western Union wires, it must have been a vigorous bit of aggressive football.

On Saturday, October 13, the Wildcats will tangle with the Hays Teachers on Ahearn field. A week later comes the classic with Kansas university on the same gridiron. Everybody is cordially invited and sincerely warned to be present at both.

The starting lineup:

Kansas Aggies	Oklahoma Aggies
Towler	L. E. York
Lyon	L. T. Estep
Tackwell	L. G. Swartz
Pearson	C. Myers
McBurney	R. G. Patterson
Telford	R. T. Hendrickson
Daniels	R. E. Poole
Limes	C. Butterfield
Meissinger	R. H. Gore
Nigro	F. Choate
Freeman	F. Baker

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, October 17, 1928

Number 5

SEES NEED FOR MORE ATTENTION TO BEAUTY

FARRELL ASKS CONSIDERATION OF SOCIAL PROBLEMS

Would Have Extension Specialists Continue to Solve Physical, Biological, and Economic Questions and Minister Also to Aesthetic Needs

Agricultural extension has reached the stage at which it is becoming increasingly necessary that greater attention be devoted to what might broadly be termed social problems, President F. D. Farrell of the college told extension workers of Kansas in his welcoming address at the opening of their annual conference on the campus Monday morning.

The problems of which the president spoke are problems that involve spiritual and aesthetic instincts and needs.

CONTINUE ECONOMIC AID

"Heretofore more of the effort devoted to extension work by land grant colleges and the United States department of agriculture has been confined to physical, biological and economic problems," the president said in part. "The extension forces have sought to help to improve the economic and mechanical efficiency of farm people in the operation and maintenance of farms and farm homes. There should be no diminution of this effort.

"While the extension forces have been laboring to help increase the wealth of rural people we have not paid much attention to the question of what constitutes wealth. There are several different conceptions of the meaning of wealth and some of them are mutually contradictory. Perhaps the most common conception is that wealth consists of the ability to buy things. The New England philosopher, Thoreau, on the other hand, defined wealth as the ability to do without things. He believed that the more things one can do without the wealthier one is.

A HUNGER FOR BEAUTY

"There is one thing that virtually every normal person wants in addition to the food, clothing, and shelter that everybody must have. The desire for that thing is so strong that it amounts to a kind of hunger. It is very insistent as is ordinary hunger though we are not always sufficiently conscious of it to know what it is. When this desire—or hunger—is not in some degree satisfied the person who feels it is unhappy no matter how much money he has. When it is adequately ministered to the person he may be happy even though he is financially poor.

"The thing I have in mind is the hunger for beauty. This is a hunger to which, in my opinion, the extension forces are paying too little attention. Millions of people manifested this hunger when they bought Chevrolet motor cars rather than the old model T Ford which was less beautiful. We manifest it when we buy a black or a bay horse in preference to a 'flea bitten' buckskin which may be just as useful but is usually regarded as less beautiful. If everybody could satisfy his hunger for the beautiful we would have a new conception of what constitutes wealth and we would find that wealth is available, in some degree, to everybody.

HAVE MADE BEGINNING

"The home economics extension workers, and to a less extent some of the other extension people, have made an excellent beginning toward helping rural people to satisfy their hunger for beauty. But we have barely made a beginning. By paying intelligent attention to the factors which make for beauty in our homes and their surroundings and in our communities we can minister to our hunger for beauty and thus increase our real wealth. If a farmer sitting on his porch looks out upon a beautiful farm and if his wife standing at her kitchen sink or sitting in her living room looks out

upon beauty, both are thereby richer and happier than they otherwise would be.

"Practical suggestions for improving the beauty of the Kansas countryside include such things as the definite separation of the farm house from the barn yard; the establishment and maintenance of lawns and flower gardens; the production of flowers in the home, especially in the winter time; the planting and care of shade, ornamental and orchard trees, especially in the western half of the state; and the planting and care of shrubs. All of these are comparatively inexpensive in so far as financial expenditure is concerned. Their requirements call for sympathetic and intelligent attention, preferably by all members of the family. There is no section of Kansas where one or more of these things cannot be successfully done."

COLLEGE RADIO STATION HAS NEW WAVE LENGTH

KSAC to Divide Time With University of Iowa Instead of Two Lawrence Stations

Station KSAC, the broadcasting station of the Kansas State Agricultural college, has been assigned to an operating frequency of 580 kilocycles or 516.9 meters. The new assignment will go into effect November 11. Word of the new allocation of the station was received here last night by Dean H. Umberger, director of the extension service, under whose supervision the station is operated.

The wire confirmation of the new assignment as received from Sam Pickard, radio commissioner for the fourth district, is as follows: "Modification of announced schedule changes your assignment from ten to five eighty kilocycles, dividing time with WSUI. Oklahoma stations moved. Licenses being issued accordingly."

According to the new schedule, station KSAC will divide time with station WSUI, University of Iowa. Previous to this new allocation, the local station has been operating on a frequency of 900 kilocycles and a 24 hour license.

"The new allocation places station KSAC and WSUI near the top of the wave band and gives both stations a fairly clear wave which will cause very little interference with other stations," according to Glenn Webster, chief engineer of station KSAC. This new wave will be very satisfactory and will enable complete coverage of station KSAC territory in a very satisfactory manner.

Previous to this new assignment, station KSAC had been assigned 1010 kilocycles effective November 11. Were the station to remain upon this frequency, it would have been necessary to have division of time with KFKU, Lawrence, Kan., and WREN, the Jennry Wren broadcasting station at Lawrence. This would have called for a division of one-third time on the air. The new assignment gives station KSAC an equal right to the air along with WSUI.

ECONOMICS AND BUSINESS TEACHERS ARE MEETING

Hold Fourth Annual Conference On Campus Friday and Saturday

Members of the Kansas Association of Collegiate Teachers in Economics and Business will attend the fourth annual meeting of the membership on the college campus Friday and Saturday this week. Sessions are scheduled at 10 o'clock Friday morning, at 2 o'clock, and at 9 o'clock Saturday morning. A banquet complimentary to visiting instructors will be given at the Manhattan country club Friday evening.

Engineers Attend Dinner

Representatives of K. S. A. C. to the Kansas City section of the society of Civil Engineers dinner last Thursday were Prof. L. E. Conrad, Prof. M. W. Furr, and Austin Morgan and Abe Litvien, students.

AGGIE-K. U. CONTEST 'DOPED' AS EVEN MATCH

'BO' GETTING HIS BOYS READY FOR SATURDAY'S BATTLE

Despite Poor Showing Made Against Hays, Purple May Have Surprise Waiting for Visitors from Mount Oread

One of Manhattan's busiest citizens is Coach "Bo" McMillin of the Wildcat football team, who is getting his charges ready for the "Classic of Kansas" with the University of Kansas here Saturday. Bo has plenty of work to do, he thinks, as a result of the showing made by the Aggies against the Hays Teachers here Saturday. The line which performed so valiantly against the Oklahoma Aggies was outcharged by Hays and the backfield allowed forward passes to be completed and otherwise misbehaved.

The weight and experience of the Wildcat and Jayhawk teams are about evenly matched. Both have good sets of sophomore backfield men and both coaches have been exuding early season gloom about their lines.

DEBUT FOR TEAMS

Saturday's game will be the first of the Big Six season for both teams and the conference debut for both McMillin of the Aggies and Coach Bill Hargiss of the University.

Injuries sustained in the Hays game may interfere seriously with Coach McMillin's plans for the game. Marion "Micky" Evans, mighty little quarterback, was hurt for the first time this season. Other backfield men hurt more or less seriously, were W. E. "Tad" Platt, sophomore quarterback, Ken Boyd, halfback, A. H. "Hoxie" Freeman, tackle and fullback. H. R. Weller, sophomore halfback, also was injured slightly and in the line Bill Towler, end, was hurt.

Just how many of these men will be able to play Saturday is the chief worry of Coach McMillin and Assistant Coaches O. W. Maddox and Frank Root. Most of them probably will be in shape to play, but not in the best of condition for the hard play which the Jayhawks usually call for.

According to rumors trickling out from the stadium field where the Wildcats practice nightly behind locked gates several surprises may be in store for the Oread eleven and the crowd Saturday. Coach Hargiss also is said to be concocting some surprises of his own and the net result should be highly interesting.

Freeman, who has been playing tackle on offense and fullback on defense, made his first appearance as a ball carrier Saturday against Hays and did well. He may get a chance to try that assignment again against K. U.

A guess at the probable starting line-up is as follows:

Kansas Aggies	Kansas U.
Towler L.E.	(C) Hauser
Lyons L.T.	Schoplin
Packwell L.G.	Shannon
Pearson C.	Ramsey
McBurney R.G.	Logan
Bauman R.T.	Soren
Daniels R.E.	Mullins
Evans Q.B.	Paden
Meissinger L.H.	Lyman
Nigro R.H.	Lawrence
Freeman F.B.	F. Cox

'HOME ECONOMICS IS PROGRESSING STEADILY'

County Home Demonstration Agents Now Number 1,147, Professor Pittman Tells Extension Visitors

Agriculture and home economics have had much in common in their development and, both being comparatively new, they have been the object of much criticism, yet in spite of these handicaps the progress has been steady and on the whole satisfactory, said Prof. Martha Pittman of the food economics and nutrition department of the college in her address "The Growth of Home Economics" Wednesday morning before Kansas extension workers.

Quoting from the report on home

economics extension, Miss Pittman said there are now 1,147 county home demonstration agents. "This does not include state leaders and specialists," she continued. "This gives an average of 23.5 for each state. The western states average only 10 home demonstration agents per state and the southern section as always still runs the highest. This is a far cry from none at all which was about where we were 15 to 20 years ago. Most of the work in our section at least has opened up during and since the World war.

"You extension workers may speak with pride of the perfecting of the system of local leaders. This has been necessary because of the lack of funds to provide sufficient trained people to do the work themselves. You feel that your studies of rural home and community needs and problems have given you a better understanding of the people with whom you work. With this understanding comes better ability to make the program you offer fit the needs of your local people.

"Since home economics avowedly trains for the home, and as the home we know is going through a period of adjustment, we have every reason to believe that home economics must adjust itself accordingly. But we feel sure that the home economics of the future will still be training for wholesome, human living just as it is trying to do today. In terms of Leta Bona, former president of the American Home Economics association: 'Home economics is outward bound'."

GRAIN INTERESTS WILL CONFER NOVEMBER 8

President Farrell Calls Meeting of Those Allied with Wheat Industry of Five States

A conference of grain men, agronomists, millers, bakers, editors, experiment station specialists, and others interested in the production of wheat or in some phase of the wheat industry has been called at the college, November 8, by President F. D. Farrell.

The conference was called at the request of the directors of agricultural experiment stations in Nebraska, Colorado, Texas, Oklahoma, and Kansas to discuss ways and means of inaugurating a thorough research program the purpose of which will be to deal with various phases of protein content of wheat, the diseases of the wheat crop, the use of the combine, and similar problems of the wheat growers.

A tentative program for the conference has been arranged.

SIX STRIVE FOR PLACE ON MEAT SCORING TRIO

Team Coached By D. L. Mackintosh, Will Compete in Two Contests

Prof. David L. Mackintosh has the following candidates trying out for the K. S. A. C. meat judging team to be entered in open competition in the meat judging contest to be held at the American Royal Livestock show, Kansas City, November 17-24, and also at the International Livestock exposition to be held in Chicago, December 1-8:

Dale Scheel, Emporia; Scott R. Bellamy, Meade; I. K. Tompkins, Byers; Fredrick Hedstrom, Manhattan; O. W. Greene, Paradise; and O. E. Funk, Marion. The team will consist of three men and an alternate.

BROWN BULL TO BE OUT FOR JAYHAWK GAME

Magazine Makes First Appearance this Autumn Next Saturday

The "kickoff" number of the Brown Bull, K. S. A. C. humor magazine, will be put on sale on the campus of the college next Saturday, the day of the Jayhawk-Wildcat football encounter. As the name suggests, the edition will be devoted to the gridiron.

CUT GENERAL SCIENCE COURSE TO 120 HOURS

FACULTY APPROVES REDUCTION, TO TAKE EFFECT NEXT FALL

Students With Advanced Standing to Be Excused from Military Science and Physical Education—Other Changes Made

Reduction of the number of hours required for graduation in general science to 120 for women, and 124 for men, was approved last week by the college faculty, after being approved by the faculty of the division of general science.

Previous requirements were 136 hours for men, including military training, and 130 hours for women.

Approval of the reduction of the time devoted to military science from four clock hours to three clock hours a week also was given, and the credit for military science reduced from 1½ hours to one hour a semester.

CUT MILITARY REQUIREMENTS

Under the new regulations, students with 25 or more hours of advanced standing credits, who come to K. S. A. C. from other schools, will be excused from one year of military training, and students with 59 hours or more of advanced standing credit will be excused from all military training. Substitution of a number of hours equivalent to those from which the student is excused because of advanced standing will be required.

Changes in the physical education requirements for both men and women also were made. In the future students with 15 hours of advanced credit will be excused from one semester of physical education, those with 25 hours from two semesters, those with 44 hours or more from three semesters, and those with 59 or more hours will not be required to take any physical education courses.

Reduction in the hours required for graduation in general science, and modification of the military training and physical education requirements, were made as a result of recommendations made originally by the committee on relations with junior colleges and liberal arts colleges. These recommendations were passed on by the council of deans, and then referred to the general faculty. The changes affecting military training and physical education are in line with the policies at other leading land grant colleges.

Last spring the requirements of the curriculum in agriculture were reduced to 130 hours, and those of the curriculum in home economics to 128 hours.

JUST "COMMERCE" NOW

Changing of the catalogue designation of the curriculum in rural commerce to "curriculum in commerce" was approved by the faculty, as were various changes in the requirements of the curriculum, including the making of several subjects previously required elective, and the substitution of former electives as required.

The language requirement for graduation in industrial journalism was increased from six to nine hours, and the social science option requirement reduced from 18 to 15 hours.

The revised requirements in general science probably will not be made applicable before next fall, making the class of 1933 the first to graduate under them.

Various important changes were made in the curriculum in industrial chemistry, and minor changes in other curricula.

Agents Spoke from KSAC

Kansas people may have heard this week the voices of many county agricultural agents and home demonstration agents from radio station KSAC. It has been extension conference week at the college and every agent was to have talked to home folks over the college station at some time during the week.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, LILIAN HUGHES NEIS-
WANGER, R. I. THACKREY..... Assoc. Editors
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, OCTOBER 17, 1928

THE HOMECOMING GLOW

The part of the college that remains on the campus year after year is indeed much like the part of the family that stays at home through the years. Faculty tries its utmost to keep young and it does not wish to appear paternal. But in spite of its best intentions it looks a little suspiciously at the untold ways of its alumni and it shares with them the exultation of their successes.

That is why homecoming at college, as at family homecomings, is always a happier time for the hosts than for the guests. Although it is supposed to be an especially happy time for the grads who come back, they can never feel a glow of happiness comparable with that of a teacher whose students have attained outstanding success—never until they are the parents of remarkable children who tried new ways to success.

DECADENT PRESS

When critics are in censuring mood the newspaper is a favorite victim. Not so long ago it was the target for spritely peppering shots from an ambush of innocent looking "sunflowers" across the way. Perhaps the reader was reduced to a sigh and a tear and is still a bit depressed that "the fourth estate has wiped out the last vestige of our late lamented sense of values."

Since time softens regrets, we hasten to make the cheering suggestion that "late lamented sense of values" should have read "long lamented." As long ago as 1620 Ben Jonson deplored the decadent "art of news gathering." In a masque, "News from the new world discovered in the moon," he had his printer say: "I am a printer, and a printer of news; and I do harken after whatever they be at any rates: I'll give anything for a good copy now, be it true or false, so't be news."

"Perhaps the early struggling news sheets did not provide our forefathers with a dizzy panoramic movie, but their stereopticon views were as multicolored, tawdry, and trivial as our fast moving ones. At least the flickering "reflective faculties" which present day journalism is supposed to be giving a rest could scarcely have been fanned into functioning by detailed description of condemned criminals staggering to the hanging rope, as lucidly portrayed by the master journalist, Daniel Defoe, for the benefit of those not fortunate enough to attend the public event themselves. Defoe's Robinson Crusoe was the first serial novel to be run in a newspaper.

Having a highly sensitive "nose for news," he could write with authority in 1725: "If indeed a flaming rogue comes upon the Stage, such as a Sheppard, a Gow, a Jonathan Wild, or a Blueskin, they are great helps to us, and we work them, and work them till we make Skeletons of the very Story, and the Names grow rusty as the Chains they are hang'd in." Evidently the "good old days" did not lack their Grays and Snyders and their Halls and Mills.

Furthermore, present day tabloids must have little over Applebee's Original Weekly Journal, if we can believe the statement in a competitive paper, The Bee, 1733:

"Mr. Applebee takes care to pur-

chase from all of our dying Criminals the private memoirs of their Lives and Conversations; and tho' many of these Pieces have been wrote or dedicated under great perturbation of Mind, and consequently have not been very Coherent, they still incite the Curious and Inquisitive to peruse Mr. Applebee's Journal."

Does it not strengthen the criticisms against the press to say that the same ones have been made since the dawn of journalism? Or does a story point to an underlying and static cause, reader demand? Possibly the fact that human nature is essentially the same yesterday, today, and tomorrow partly explains the lack of so-called art in newswriting. For news is essentially a popular phenomenon and successful popular journalism stirs its readers' emotions.

BOOKS

Not All Smoke and Soot

Pittsburgh and the Pittsburgh Spirit, by 24 authors. Chamber of Commerce. Pittsburgh, Pa. 1928.

Many of us residents of the corn belt think of Pittsburgh as it is depicted by the jibes of the newspaper humorists: merely a place of smoke and soot. The excessively smudgy picture which these humorists have held up to us for two generations has been unjust to the city and unfair to us. Like mothers-in-law and school teachers, Pittsburgh has been grossly misrepresented. In publishing this book, the Pittsburgh Chamber of Commerce quite properly has taken steps which should help to dispel the illusions.

The book contains 24 interesting and authoritative articles about the great industrial center. The articles describe the major features of one of the most distinctive phenomena of modern civilization, a large American industrial city. The authors include two members of the president's cabinet, two university presidents, a great artist, a prominent divine, a nationally known city superintendent of schools who once taught a rural school in Lyon county, Kansas, and several prominent industrial leaders, among them a son of George Westinghouse.

The articles treat of Pittsburgh's numerous industries which range from steel, glass, and aluminum to cork petroleum, and pickles; of her tremendous educational activities, including those of the University of Pittsburgh where arrangements are being made to provide instruction for more than 9,000 students in a single skyscraper; of her manifold religious activities, her contributions to American civilization, her transportation, her history, her art, and her future.

One reads the book with intense interest and with respect and admiration for the achievements of the men who have built the city; men of imagination who have dreamed and planned, men of brawn who have toiled and sweated, and men of administrative genius who have organized and directed the intellectual, spiritual, and physical energies that have been devoted to the building of Pittsburgh's industries and institutions. A copy of the book is deposited in the college library.

—F. D. Farrell.

MUSIC

John Philip Sousa, bandmaster supreme, paid Manhattan and the college a delightful visit on Wednesday, October 10. Large crowds heard his matinee and evening performances at the auditorium. The enthusiasm for the great band leader on the occasion of his fiftieth jubilee tour was thrilling and sincere.

At the afternoon performance the Manhattan boys' band played one selection under the baton of Mr. Sousa. In the evening the college band played, also under his direction, his famous fiftieth anniversary memorial, "The Golden Jubilee." The participation of the local organization gave the Sousa day festivities a distinct local tone.

Both programs by Mr. Sousa were popular and varied. He presents his band as an organization capable of interpreting many types of music, and he proves his point. Strauss, Wagner, St. Saens, and Tchaikowsky, his musicians interpret with in-

telligence and feeling. The Sousa numbers scattered throughout the programs they interpret with something more than intelligence and feeling. Perhaps it is personal affection and sincere respect for their leader that constitutes the something more.

Miss Marjorie Moody, soprano, delighted her audiences both afternoon and evening. Her Strauss number, "The Beautiful Blue Danube," showed a fine sensitiveness to melody and rhythm and an unusual adaptability and range of voice. In the evening she sang "Love's Radiant Hour" a new number by Sousa. The cornet solos by John Dolan and the xylophone solos by Howard Goulden were enthusiastically received. Other especially popular numbers were the sketch, "Among My Souvenirs," by Nichols-Sousa, and the sextette for flutes, "Dance of the Merlons," by Tchaikowsky.

—H. W. D.

farm, was with the public schools of Sandstone, Minn.

Mrs. Elizabeth (Edwards) Hartley, '92, was chairman of the liberty loan campaign in Manhattan.

J. B. Mudge, '14, received a distinguished service cross for extraordinary heroism in leading his men through a heavy barrage of high explosive gas shells.

TWENTY YEARS AGO

E. L. Conrad, formerly of Lehigh university, was elected assistant professor of civil engineering.

Lotta I. Crawford, '02, resigned her position in the Colorado Agricultural college to become assistant in home economics at the University of Wyoming.

C. M. Correll, '00, and Laura (Trumbull) Correll, '00, and their

The Sciences Live Together in Harmony

Horatio Hackett Newman in "The Nature of the World and of Man"

The difference between one group of sciences and another is largely one of levels or thresholds—in a sense also of units of greater or less inclusiveness. Astronomy deals with the largest material units, such as galaxies, solar systems, and planets; with the largest space units such as light-years; and with time units of billions of years. Geology concerns itself chiefly with one astronomical unit, the earth, but overlaps upon astronomy in dealing with the origin of the solar system and upon chemistry in dealing with the chemical composition of the rocks; its space units are miles and its time units millions of years. Chemistry and physics share the domain of molecules, atoms, and electrons, and make use of such time units as minutes and seconds, even fractions of seconds. With what level, or threshold, of matter and energy transformations does biology deal? There is a certain order of changes, far above the atomic or molecular level, far below the cosmic or the geologic level, differing intrinsically from these, but of a part with all of them, a level that for want of a better term we speak of as organic. The units of biology are organisms—a word implying definitiveness of arrangement, complexity, orderliness. It is essential, however, for us to realize that the orderliness of the organism is not isolated orderliness, but simply one aspect of the universal orderliness of nature. The whole non-living universe may be thought of as the background, or the conditioning environment, of living organisms. With a different environment organisms would undoubtedly be different from those with which we are familiar.

GIANT POWER OFFERS FREEDOM

Centralization has claimed everything for a century: the results are apparent on every hand. But the reign of steam approaches its end: a new stage in the industrial revolution comes on. Electric power, breaking away from its servitude to steam, is becoming independent. Electricity is a decentralizing form of power: it runs out over distributing lines and subdivides to all the minutiae of life and need. Working with it, men may feel the thrill of control and freedom once again.

Life need no longer be subordinated to steam: Industry can be decentralized—the smaller community can be regained, with its old humanities. The mechanisms of such decentralization now wait man's use: has he the courage to make the world he needs? He could not control the past for he could not foresee its direction. But now the future lies open before man, as it did in the day when Joshua said to Israel: "Behold, I have set before you life and good, death and evil: choose ye this day which ye will serve!"

Humanity has no spiritual future save in the fight for that economic and social freedom within which the mind can be free. Giant power, under public control, with power distributed to all on equal terms, offers economic freedom to humanity, the hope of communities within which intellectual freedom can be realized and the culture of the spirit will seem possible. —Joseph K. Hart in The Survey.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Harold H. Amos, '16, formerly superintendent of the college poultry

daughter Helen were living in Mayville, N. D., where Mr. Correll was teaching history in the normal school.

THIRTY YEARS AGO

I. D. Graham resigned his position here to become a partner with a business college in Sedalia, Mo. Professor Graham came to this college in 1879, as instructor in telegraphy and book-keeping.

Miss Miriam Swingle, '96, studied art in Washington, D. C. Her brother, Walter T. Swingle, '90, was commissioned by the government to investigate the condition of agriculture in the Mediterranean region.

FORTY YEARS AGO

In Kansas there were 30 colleges, 16 high schools, and a good system of public schools.

J. S. Boynton, F. J. Van Benthams, J. Frost, and A. Browne were elected members of the Webster society.

The Anderson Memorial library of the College of Emporia, founded in commemoration of the golden wedding of Colonel and Mrs. J. B. Anderson of Manhattan, contained 4,000 volumes.

FIFTY YEARS AGO

Colonel Hallowell, one of the regents of the college, was nominated congressman.

Luther Benson, the most popular temperance speaker in the west, stopped at Manhattan to deliver some lectures.

The subject debated at a meeting of the Alpha Beta society, "Resolved, That the Republican party, as compared with any other, is not above reproach," was decided in the negative.

YOU ASK FOR MY SOUL

Marion Ellet

You ask for my soul. A stupid thing, When I've explained to you I haven't one; That long ago I left mine in the hills, On one wild twilight when the wind was high And shrieked at neatly-bodied souls and laughed And lashed the shuddering forest till it moaned And tore the sky into cruel yellow rifts. And my soul blew away that time. It did! For I could hear it whistling up the pass. It's hanging now on a sharp crag up there, Near to some mountain asters that I know. Some day, no doubt, I'll go and look for it, And bring it back, and give it you again. But just now it's all right, so let it be. I won't bark my shins if I were you, Stumbling along an unfamiliar trail. And anyway, I didn't say Which crag it's on

SUNFLOWERS

H. W. D.

ALMA MATER, HOUSEWIFE

"Homecomers" must remember that they do not meet dear old Alma Mater in her working clothes and at her usual tasks—or at her best. They find her as they find themselves—all excited about the game.

They should be careful not to go home with the notion that things have changed a lot at the old school and that nobody is interested in anything nowadays but football. They should be careful not to conclude that there are no more classes and recitations and laboratory periods and hours at the library and midnight oil.

If the old grads really want to know, they should arrange to stay over into the middle of the next week and sort of snoop around after Alma Mater forgets she has company.

They will see that she still wears house dresses and wields the broom and the mop and cleans and straightens things about with considerable regularity. They will find boys and girls hurrying to make early classes and worrying about "trig" and rhetoric and chemistry. The very same students who were so worked up about the game and the banquets and reunions and homecoming parties will be scuttling about here and there over the campus to get to the place where they belong.

Alma Mater gets a lot of credit for being what she is not. In the first place, she is not a cold marble figure, classic and distant. In the second place, she is not a silly, excited hostess, fluttering about to be overly gracious. Nor is she a too indulgent mother, encouraging her boys and girls to have a good time at the risk of missing everything else.

Alma Mater is a busy housewife most of the time. Day in and day out, she does very little entertaining. She has a big family, thousands where there used to be hundreds. Each and every one of her boys and girls must go to class fifteen or twenty times a week and spend numerous hours besides getting ready to go to class. There are examinations to be studied for and professors' demands to be met. There are scores of activities to be carried on. There are notebooks to be written up, experiments to be worked out, investigations to be made, papers to be written, reports to be prepared.

But Alma Mater is just like every other American mother. She gets flustered when she has company and tries to give people the impression that all is gaiety and jollity in her household. She fears that people will suspect that she does her own cooking and washing and ironing and cleaning and often goes to bed at night with her nerves all frazzled out by the day's work. So she "covers up," and puts on her finest frock and her brightest smile and her company manner and proceeds to entertain.

That is why the "Homecomers" who really want to find out what is going on should stay over into the next week and snoop around when everybody thinks all the company has left.

There is a method in man's wickedness—it grows up by degrees. —Beaumont and Fletcher.

AMONG THE ALUMNI

Paul M. Simpson, '28, is teaching mathematics in St. John's Military school in Salina.

Blanche Lea, '21, asks that her INDUSTRIALIST be changed from Winchester to Greensburg.

Fern Cunningham, '28, is in charge of the music department of Ward academy, Academy, S. D.

Irene Pride, '28, is teaching clothing and textiles in the Prairie View State normal at Prairie View, Tex.

Bess M. Viemont, '28 M. S., is working as clothing specialist for the bureau of home economics in Washington, D. C.

Melville S. Thomas, '25, is working with the Lumbermen's Mutual Casualty company, Pantheon building, Chicago.

Manie H. Meyer, '28, is employed by the Western Electric company of Chicago. His address is 2328 S. Cicero avenue, Cicero station.

W. W. Taylor, '26, of Smith Center sends in his check for a life membership in the alumni association. Mr. Taylor and his father are breeders of shorthorn cattle.

Howard W. Higbee, '28, is an assistant in soil bacteriology at Cornell university. He writes that he likes Ithaca very much. He is watching the progress of the Aggie Wildcats and with five other Cornell Aggies will be listening in on all the games.

C. F. Turner, '12, and his sister, Marcia Turner, '06, are spending a few days visiting friends in Manhattan and at the college. Mr. Turner is a market gardener at Brunswick, Tenn., and Miss Turner is associate professor of home economics at Iowa State college.

MARRIAGES

BURTON—WILLIS

Announcement has been made of the marriage of Lois Martha Burton of Neodesha to Homer B. Willis, '20, July 4.

GRAMMON—O'DANIEL

Announcement has been made of the marriage of Zelda Grammon, f. s., and Willis Frank O'Daniel, '28, which took place August 11.

GRIFFIN—GISH

The marriage of Maggie Mae Griffin to Clarence Lee Gish, f. s., took place in Navarre September 2. Mr. and Mrs. Gish are at home at 416 Cottage, Abilene.

BARNES—HAMILTON

The marriage of Nellie Barnes, Milton, to Matthew Hamilton, f. s., took place in Chicago September 8. Mr. and Mrs. Hamilton are at home at the Lucius apartments in Racine, Wis.

NOVAK—ROYAL

Mr. and Mrs. J. E. Novak of Manhattan announce the marriage of their daughter, Tess, '27, to Gordon Royal, f. s., August 20. Mr. and Mrs. Royal are making their home in Manhattan.

ELKINS—HERMAN

Mr. and Mrs. E. E. Elkins of Wakefield announce the marriage of their daughter, Betty, '28, to Walter Herman of Wakefield at their home October 10. Mr. and Mrs. Herman are at home in Wakefield.

MILLIKEN—HUNTER

The marriage of Frances Milliken, Kansas university, and William Hunter, jr., took place at the home of the bride's parents in Lawrence August 19. Mr. and Mrs. Hunter are at home in Kansas City.

FRASER—BROOKS

The marriage of Elizabeth Fraser, f. s., of Manhattan and Lawrence V. Brooks, f. s., took place at the home of the bride's parents August 18. Mr. and Mrs. Brooks are at home at Cedarhurst farm near Garrison.

RICHARDS—ROLLINGS

Mr. and Mrs. John Henry Richards of Delphos announce the marriage of

their daughter, Marjorie Ann, '28, to Carrol Eldon Rollings, f. s. They were married at their home August 18. They are at home in Delphos.

NELSON—ALDEN

Esther S. Nelson, '15, and Dr. Ward C. Alden, were married in Chicago August 25. Both Doctor Alden and Mrs. Alden are practicing medicine on the north side in Chicago. They are at home at 1515 Howard avenue.

MEYER—BENNE

The marriage of Gladys Meyer, f. s., of Washington, to Irwin Benne, '28, took place at the home of the bride August 22. They are making their home in Fredonia where Mr. Benne is teaching in the high school.

PARSONS—VAN PELT

The marriage of Pearl Parsons, f. s., to Gerald Van Pelt of Beloit, took place at the home of the bride in Topeka August 22. They are at home in Manhattan where Mr. Van Pelt is completing his course in electrical engineering.

PIPER—HOLT

The marriage of Virginia Piper of Kansas City and John P. Holt, f. s., took place at the home of the bride's parents September 21. Mr. Holt is employed as a chemist for the Page Milling company at Topeka where they will make their home.

BOLLER—NUZMAN

Mr. and Mrs. W. E. Boller of Kansas City announce the marriage of their daughter, Loraine, f. s., to Lauren Nuzman, '27, at the Methodist parsonage in Kansas City August 2. After a trip through the west Mr. and Mrs. Nuzman are at home in Downs.

STEWART—ENOCH

Mr. and Mrs. R. E. Stewart of Kansas City, Mo., announce the marriage of their daughter, Fern Venna, to Duard W. Enoch, '27, in Kansas City September 7. They are making their home at 4506 Main, Kansas City, where Mr. Enoch is head of the laboratory for the Shultz Baking company.

HIGINBOTHAM—LEONARD

Scott Higinbotham and Anna (Hanson) Higinbotham, '98, announce the marriage of their daughter, Mary Adelia, '25, to Walter J. Leonard, f. s., at their home in Manhattan October 10. Mr. and Mrs. Leonard are at home at Independence where Mr. Leonard is with the American Life Insurance company.

LEONARD—MEIR

Mr. and Mrs. Marcus Leonard announce the marriage of their daughter, Ruth, '24, to A. H. Meir at their home September 4. Mr. and Mrs. Meir are at home in Wooster, Ohio, where Mr. Meir is a member of the faculty of Wooster college. Mr. Meir is a graduate of Illinois college and of Northwestern university and Mrs. Meir received her master's degree from the University of Chicago.

BIRTHS

Glen M. Reed, '25, and Mrs. Reed announce the birth of their daughter, Iris, On August 5.

Alvin K. Banman, '24, and Florence (True) Banman, '24, announce the birth of Alvin K., jr., October 12. Mr. and Mrs. Banman are living in Mathiston, Miss.

Earl Honeywell, '26, and Georgia (Crowl) Honeywell announce the birth of their daughter, Fern Marie, September 21. Mr. Honeywell is connected with Purdue university at Lafayette, Ind.

DEATHS

HAZEN

Ella (Brooks) Hazen, '09, died suddenly last month from pneumonia. She is survived by her husband, Leslie E. Hazen, '06, who has been connected with the Agricultural and Mechanical college at Stillwater, Okla., for several years. No further particulars of her death have yet come to the alumni office.

HOSPITALITY KEYNOTE OF HOMECOMING PLANS

Reception Scheduled Friday Night After Pep Meeting, with Luncheon Set for Saturday Noon

Hospitality is the keynote of the homecoming festivities being planned by members of the Riley County Alumni association for visiting alumni. General arrangements are in charge of Harry W. Johnston, acting president of the local group, who guarantees something new and better in the form of entertainment.

On Friday evening, October 19, there will be a big pep meeting in the auditorium, followed immediately by an informal reception in recreation center for all alumni and their friends. Among the speakers scheduled for the evening is "Bo" McMillin, new Aggie football coach.

From 10 to 11:30 on Saturday, October 20, alumni are expected to meet in recreation center for a get-together and acquaintance-renewal meeting. At noon a luncheon will be served the visiting alumni in the college cafeteria. This luncheon is complimentary by the local association, tickets to be distributed to all graduates traveling a distance of twenty-five miles or more. Toastmaster for this occasion will be Prof. Albert Dickens, '93, and among the speakers will be "Mike" Ahearn, and Mame Alexander Boyd, '02. At 2 P. M. the Aggie-K. U. football game will be called in Memorial stadium.

'MICK' EVANS STAR IN CLASS AS WELL AS ON GRIDIRON

Makes Letters in Football and Baseball—Has 'B' Average

In spite of the fact that Thomas Marion "Micky" Evans of Gove plays on both the varsity football and baseball teams and has had to work part of his way through school, he has 66 college credit hours and 132 points, and is on the "B" average list, excusing him from required class attendance.

Evans is the smallest man on the football team, weighing only 143 pounds. He didn't go out for freshman football, and refuses to give the reason, but campus rumor has it that he was unable to get a suit small enough for him.

In his sophomore year "Micky" checked out a suit three sizes too large for him, and started practice. He didn't get much recognition until the last few minutes of the Hays game, when he got in as a substitute and fairly tore things up. Immediately he was given a suit that fitted and a permanent place on the squad.

In addition to winning a football letter in 1927-28, Evans won a letter as shortstop with the Missouri Valley baseball champions. This season he is first string Aggie quarterback.

"Micky" is a junior in physical education, and a member of the Sigma Nu fraternity. During his pre-college days at Gove high school he was a halfback, and was captain during his senior year.

SOUSA PROMISES MARCH DEDICATED TO 'WILDCATS'

Noted Bandmaster Cheered By Students at K. S. A. C. Appearance

John Philip Sousa will write a Wildcat march and dedicate it to the Kansas State Agricultural college, he promised Tudor Charles, president of the Student's Governing association, when presented with a march petition during the Sousa appearance here last Wednesday. The petition was bound in purple suede and contained the signatures of more than

600 students and members of the faculty, asking Sousa to write a K. S. A. C. march.

Following the bandmaster's promise, the audience attending his final Manhattan appearance were led in a cheer for Sousa by Milton Allison, college yell leader.

The march probably will not be written until next spring as Sousa will be busy with his tour until then.

New Aggies in Who's Who

Eight of the 18 K. S. A. C. faculty members whose names appear in the 1928-1929 issue of Who's Who in America, are K. S. A. C. alumni. They are—George A. Dean, '95, head of the department of entomology; C. W. McCampbell, '10, head of the department of animal husbandry; C. E. Rogers, M. S., '26, head of the department of industrial journalism; W. E. Grimes, '13, head of the department of agricultural economics; J. T. Willard, '83, vice-president, and dean of the division of general science; Albert Dickens, '93, head of the department of horticulture; R. A. Seaton, '04, dean of the division of engineering; and H. H. King, '15, head of the department of chemistry.

Shoots Ducks Out West

E. W. Winkler, '21, M. S., '24, is selling real estate in Seattle, Wash. "Duck season and other game shooting is now at its height, and we have had good success bagging our share," he writes. "Please tell any of the other Aggies whom we know that I shall appreciate having a line or two from them. I have confidence that "Bo" McMillin will have a strong Aggie football team, and only wish that I could help 'Rah, Rah' my share. Would like to see him match a game with this strong aggregation from Seattle, namely the University of Washington, next year."

Homecomers Get Low Rates

Homecomers returning to Manhattan for the Aggie-K. U. game next Saturday are offered reduced railroad rates of one fare for the round trip to Manhattan from all points in Kansas and from Kansas City and St. Joseph, Mo. A special excursion from Lawrence to Manhattan for \$1.75 for the round trip has also been secured. These rates are offered by both the Union Pacific and Rock Island lines. They will also be in force when the Aggies meet Missouri on Memorial stadium field, November 10.

Gray Heads Nash Agency

George P. Gray, '17, has been elected president of the Nash-Pittsburg Motors company of Pittsburg, Pa., to succeed the late C. J. Anderson, f. s., former president and founder of the agency, and son of the second president of K. S. A. C. Mr. Gray began work with the Nash company as a salesman 11 years ago and has steadily risen as the firm grew. Assisting him in handling the affairs of the company is a personnel of 140 persons.

Combs Succeeds Charles

Leslie Combs, '26, has accepted a position in the journalism department of Iowa State college at Ames, left vacant by the resignation of W. K. Charles, '20. Mr. Charles has gone to the public relations department of Swift and company in Chicago.

Architects Exhibit Work

Students in the department of architecture of the college will exhibit their work at the Kansas Building forum in Wichita October 17 and 18.

RECENT HAPPENINGS ON THE HILL

The poultry school held here last week was a decided success. Nearly 100 attended.

Elsie Nuss was chosen as Harvest Queen at the annual Ag barnwarming last Friday evening.

The "Kick-off" number of the Brown Bull will appear October 20 and is dedicated to football.

Personnel of the men and women's debate squads, including nearly 40 students, was announced last week.

Appointments as non-commissioned officers were made to 69 cadets in an order recently issued by the military department.

H. Miles Heberer, Manhattan theater director, announced that the ticket sale for the plays was progressing satisfactorily.

Students in the department of architecture will exhibit their work at the Kansas Building forum to be held in Wichita October 17-18.

Sixteen girls have applied for places on the girls' rifle team being organized by Captain Maurice Rose, of the military department.

At the first meeting of the year, K fraternity elected the following: president, Kirk Ward; secretary-treasurer, Edward Skradski.

A chapel to launch the annual stadium drive was to be held Thursday. William N. Jardine, son of the secretary of agriculture, was placed in charge of the drive.

November 9 and 10 are the dates set for the meeting of the Kansas-Nebraska section of the Society for the Promotion of Engineering education. The meeting will be held at Manhattan.

L. E. Conrad, head of the department of civil engineering, went to Topeka last Thursday, where he attended a conference of the Southwest Roads committee, to make plans for a school to be held in Wichita.

Beauvais, a dancing fraternity, was organized last week by representatives from six fraternities. Ten men from each house will be members. Tudor Charles was elected president and Willis Kinnamon vice-president.

DEAN VAN ZILE FINISHING TWENTIETH K. S. A. C. YEAR

"College Students Getting Better," She Says

Twenty years of service at the Kansas State Agricultural college are being rounded out this fall by Mrs. Mary P. Van Zile, dean of women.

Mrs. Van Zile came to the college in 1908, and in 1910 was made dean of the division of home economics, holding that position and also taking care of the duties of dean of women until 1918, when the two positions were divided and Mrs. Van Zile was made women's dean.

"Modern students aren't any worse than those of years ago, in fact if there's any difference they're better," says Dean Van Zile. "The modern student is more industrious, more intellectual, more alert, combining in a unique way independence and irresponsibility that is in reality responsibility and idealism."

New Greeting!

Aggie upperclassmen and freshmen have developed a new method of greeting each other this week.

Instead of the usual nod or "hello" the upper classman commands "Sound off, Freshman" to the green-capped yearling.

"Beat Kansas!" is the reply.

Lush Studies in Wisconsin

R. H. Lush, '21, is on a nine months leave of absence from K. S. A. C. to go to Wisconsin university where he is taking graduate study in bio-chemistry and genetics. He asks that his INDUSTRIALIST be sent to 445 W. Gilman street, Madison.

Help Us Locate These Lost Alumni!

Perry, Ada (Quinby), '86
Smith, Chas. C., '94
Peck, Russell J., '97
Bain, Avah L., '00
Helder, A. H., '04
Clark, Roy E., '07
Riddle, Genevieve L., '08
Baker, Harvey W., '10
Hamler, Harry T., '09
McCheyney, Gertrude M., '09
Robinson, Helen (Henderson), '09
Wilkins, Roy, '09
Baldwin, Raymond A., '13
Brethour, Lola, '13
Campbell, Robert P., '13
Vasey, (Ember) Florence, '13
Young, (Graybill) Ella, '13

Swanson, Richard O., '13
Brigham, William D., '14
Pearson, Aaron E., '14
Sweet, William L., '14
Moore, (Hellwig) Elsie C., '15
Mawhirter, Geo., '13
Amos, Harold H., '16
Flora, (FitzGerald) Elizabeth, '16
Horak, Henry R., '16
Loomis, Jason P., '16
McGalliard, Everett R., '16
Reaugh, Geo. T., '16
Flora, Jefferson H., '17
Macemore, (Lofinch) Emily D., '17
Neale, John R., '17
Willis, (Blain) Mary A., '19

Blair, Geo. Y., '19
French, Shirley B., '19
Baker, Herbert N., '20
Rodewald, Walter W., '20
Runyen, Winfield F., '20
Barber, Paul W., '21
Collom, Arthur E., '21
Kaucher, Mildred, '21
Rogers, China E., '21
Zimmerman, Chas., '22
Allott, Leonard R., '23
Barringer, Carroll M., '23
George, Clarence R., '23
Holland, Geo. S., '23
Honeywell, Arlie A., '23
Turner, Daniel O., '24
Davies, Dorothy, '25
Givin, Geo. W., '25
Stoffer, Glen H., '27

HAYS MAKES AGGIES BATTLE TO WIN, 22-7

TEACHERS GO DOWN TO 'NOT IN- GLORIOUS DEFEAT'

Wildcats Suffer from Overconfidence,
and Trail 7 to 2 at Half—Oppo-
nent's Fumbles Lead to
Three Touchdowns

By H. W. DAVIS

The Kansas Aggie Wildcats emerged from an inglorious struggle with the Hays Teachers last Saturday afternoon with the long end of a 22-7 count, but the count in no way indicates the relative performance of the two teams. Hays out-downed the Aggies 6 to 4, made 158 yards from scrimmage while the Aggies were accumulating 164, and for the most part outcharged and outfought their Big Six hosts.

The Wildcat line, supposed to have assumed mid-season tightness a week before at the Oklahoma Aggie game, held like a picket fence. The Hays forwards, clad in bright yellow, leaped through like tongues of flame and spilled the Aggie backs before they could get started. The work of the Teachers' line was one of the most spectacular bits of good football seen on Ahearn field in several seasons.

SCORE ON SAFETY

Early in the first quarter the Wildcats rang up two points by virtue of the aggressiveness of George Lyon, left tackle, who broke through and blocked a punt by Schmitt, the ball rolling back over the Hays goal line and Schmitt downing it for a safety.

In the second quarter the boys from Hays took possession of the ball in midfield and by a series of line plunges, end runs, and two neat passes went over for a touchdown as if doing such a thing were a minor part of the afternoon's business. One of the passes, Carter to Muirhead, was the touchdown play. Carter kicked goal for the extra point. The half ended Hays 7, Aggies 2.

In the third quarter the Aggies began following the ball. Yeager recovered a fumble by Schmitt on the Hays 15-yard line. Three line plays gained three yards for the Wildcats, Weller passed to Freeman on the 4-yard line, three more line assaults netted two yards, and then Weller slid off tackle for a touchdown. A few minutes later Lyon blocked another punt and the Aggies got the ball on the Hays 12-yard line. Three line plays resulted in no gain, then Platt passed to Daniels over the goal line, Gish intercepted and fumbled, and Daniels fell on the ball for a second touchdown. The third Aggie touchdown came in the final session after a long pass, Platt to Bokenkroger, had put the pigskin on the Hays 5-yard marker. It took Weller, Freeman, and Meissinger four downs to make the 15 feet, Weller sliding off tackle on the fourth attempt for a counter.

EXPECTED A SET-UP

The prevailing opinion of the Wildcat enthusiasts is that there was too much of a tendency to regard the Hays contest as a set-up and too much of a looking forward to the Kansas university game on the coming Saturday. Whatever was the matter, "Bo's" boys hardly looked as good as they did in the Bethany contest and did not approach the form they displayed against the Oklahoma Aggies. Certain it is that they did not give away any of their tricks to the Jayhawk scouts.

Certain it is also that there will be no overconfidence in the big classic with the down-the-Kaw rivals this week. From all that can be picked out of the air, both the Jayhawk Bird and the Wildcat are going into the scrap to win. And that means a struggle worth going hundreds of miles to see.

Here are the figures on the Hays game:

Aggies	Hays
Daniels	LeE.....
Lyon	LT.....
Tackwell	LG.....
Pearson	C.....
McBurney	RG.....
Telford	RT.....
Towler	RE.....
Anderson	QB.....
Platt	LH.....
Barre	TH.....
Freeman	FB.....

Summary: First downs—Aggies 4; Hays 6. Yardage on offensive plays, including forward passes—Aggies 164; Hays 158. Average gain on play—Aggies, 22-3; Hays, 3. Forward passes—Aggies completed 5 for 68 yards; Hays 3 for 33 yards. Incomplete pass-

FOOTBALL SCHEDULE 1928

Sept. 29—Bethany, 7; Aggies, 32.
Oct. 6—Okla. A. & M., 6; Aggies, 13.
Oct. 13—Hays Teachers, 7; Aggies, 22.
Oct. 20—Kansas U. at Manhattan.
Oct. 27—Oklahoma U. at Norman.
Nov. 10—Missouri U. at Manhattan.
Nov. 17—Iowa State at Ames.
Nov. 29—Nebraska at Lincoln

es—Aggies 8; Hays 5. Intercepted—Aggies 3; Hays 2. Punts—Aggies 11 for 502, average 45.5; Hays 11 for 288, average 26. Average run-back of punts—Aggies 3 1-2; Hays 1.3. Penalties—Aggies 60; Hays 10. Fumbles—Aggies 4, recovered 3 and lost 1; Hays 7, recovered 5 and lost 2. Touchdowns—Aggies 3 (Weller 2, Daniels 1); Hays 1 (Muirhead). Try for point—Aggies 2 out of 3 (Tackwell); Hays 1 for 1 (Carter). Kickoff—Aggies 3 for 170; Hays 3 for 112. Return of kickoff—Aggies 3 for 47; Hays 3 for 18. Safety—Aggies 1; Hays 0.

Substitutions: Kansas Aggies: Limes for Anderson, Evans for Limes, Yeager for McBurney, Weller for Barre, Bokenkroger for Daniels, Boyd for Platt, Ward for Towler, Hicks for Lyon, Sanders for Pearson, Smith for Telford, Errington for Tackwell, McBurney for Yeager, M. Swartz for Meissinger, P. Swartz for Boyd.

Officials: referee: J. C. Grover, Washington; umpire: F. J. Burke, Kansas City, Mo.; head linesman, Otto Dubach, Kansas City, Mo.

EXPECT CROWD OF 18,000 FOR AGGIE-JAYHAWK GAME

Frank Myers Believes Attendance Will
Break Record

A crowd of between 18,000 and 20,000, the largest ever to see a K. U.-Aggie game is predicted for Homecoming Saturday, by Frank L. Myers, in charge of the ticket sale for the athletic department. Advance reservations appear to be coming in heavier than ever before both at the athletic office and the alumni office. A block of 2,500 tickets, the largest ever sent to Lawrence, is on sale at the university athletic office and the Jayhawk student body apparently is coming en masse to back its team, according to John Bunn, assistant K. U. coach, who was in Manhattan Saturday for the Hays game.

PROGRESS OF KANSAS PRESS

F. E. C.

A new Kansas newspaper is the Greensburg News, published Thursdays by C. G. Miller. Though his county has no agricultural agent Miller is "in favor of this service for the farmers." He promises to do all in his power to foster sentiment for an agent and also to advocate a county demonstration agent. Miller founded the News July 19, 1928.

In towns where there is a public library editors may get a suggestion for frequent stories from the Pleasanton Observer-Enterprise which recently published under a head "New Books at the Library" the names of 26 books and their author's names.

Another Kansas magazine has been established. It is called Jayhawk, the Magazine of Kansas, having C. Benjamin Franklin as publisher, and A Harry Crane as editor. Volume 1, Number 1, appeared this month from the editorial office at Topeka. In its statement of the why of the Jayhawk, the editor said:

"The purpose of this publication is to give Kansas an opportunity for expression, and to reflect Kansas sentiment on current political, social, economic, and literary events, along with a flavor of the currents of history which mingled to make us as we are. It has then started only after a careful survey has been made and the opinions asked of many leaders of Kansas thought, as to whether or not it had a field. There seems to be no question that it has—now it is our job to fill it."

W. F. Hill, editor of the Westmoreland Recorder, uses a mat feature service to excellent advantage in his paper. Somehow the syndicated features are given a local appearance which is rather hard to get in most cases where foreign material is used.

"The Smith County Pioneer put in a new Optimus press last month and the Gypsum Advocate a Reliance," says O. W. Little in the Jayhawk press. "The Pioneer office is one of the best equipped weeklies in the states and the Advocate office is no slouch for a small town."

BIENNIAL DATA SHOW GROWTH OF K. S. A. C.

PRESIDENT'S REPORT INDICATES INCREASING NEEDS

Proportion of State's Population Using
School Almost Doubles Since 1910
—Proportion of Graduates
More than Trebles

As the Kansas State Agricultural college grows older it provides resident instruction for an increasing proportion of the state's population, the forthcoming biennial report of the college shows. The ratio of the enrolment of resident students to the population of the state has almost doubled since 1910. In the same time there has been an even larger proportionate increase in the number of students graduated.

These facts are verified in the statistics prepared in the report by President F. D. Farrell. The data show the proportion of resident enrolment to the population of Kansas in 1910-11 was 1 in 736; in 1920-21, 1 in 531; in 1927-28, 1 in 473. The proportion of graduates to the population of the state is as follows: 1910-11, 1 in 11,540; 1920-21, 1 in 6,568; 1927-28, 1 in 3,705.

THOUSAND SUBJECTS TAUGHT

The growing complexity and increasing specialization of college education, especially in technological schools, and the rapidly growing demand for graduate instruction have made it necessary for the college to offer a largely increased number of subjects in recent years, the report states. At the same time a large number of subjects have been discontinued and in many instances two or more subjects have been combined. Nevertheless, the net increase in subjects taught has been rather large. The total number of subjects offered by the college in 1918-19 was 678. The number of subjects offered in 1927-28 totaled 1,005.

"One hundred years ago when

virtually all the students in a college studied the same subjects it would have been unnecessary for a college with an annual enrolment of 4,000 students to offer more than a small fraction of the number of courses that this college now offers," the report further says concerning the increasing number of subjects taught. "But nowadays it is not at all unusual for a large number of subjects to be offered. Indeed, in a technological college it is absolutely necessary if the legitimate demands of the students are to be met. During each of the two years in the past biennium 89 per cent of the subjects offered were actually taught. This figure indicates something of the demand for varied and specialized instruction.

VARIETY OF TECHNICAL WORK

"This college offers technical training for about 400 occupations, about 150 of them in agriculture and related fields, and the remainder in home economics, engineering, veterinary medicine, and general science. The student who wishes to prepare himself to operate a creamery must study certain technical subjects that are different from those studied by a student who expects to edit farm papers or one who is planning to be a civil engineer, an architect, a flour-mill engineer, a homemaker, a serum manufacturer, a florist, a plant breeder, a rural banker, a producer of purebred cattle, or a seed grower.

"There are certain basic subjects, like college rhetoric and inorganic chemistry, that are studied by virtually all students in the college. But there are more than 900 other subjects, like meat inspection, acoustics, and food analysis, each of which is studied only by a small group of students. A great multiplicity of subjects must be offered by any large technological school that is concerned, as this college is, with such extensive and varied fields of human activity as agriculture, the industries, the industrial sciences, and the home. For this reason as the college has grown in usefulness the number of courses has increased in response to the ever increasing demand for specialized training to supplement training in the basic subjects.

DEMAND LABORATORY WORK

"The increase in the number of subjects offered has been 48 per cent in the past 10 years. The number of subjects that include laboratory work has increased 59 per cent in the same period. These necessary increases, especially in subjects that include laboratory work, involve increases in expenditures for equipment, materials, and teaching personnel."

CANDIDATES WORK OUT FOR LIVESTOCK TEAM

Coch F. W. Bell Has 14 Students Try-
ing for Places on 1928 Judg-
ing Sextet

Prof. F. W. Bell, coach of the college stock judging teams, has 14 students trying out for the 1928 team. The candidates and their home addresses are S. S. Bergsma, Lucas; Harry A. Paulsen, Stafford; Dale A. Scheel, Emporia; O. W. Greene, Paradise; Francis N. ImMasche, Staffordville; Leslie Wolfe, Johnson; O. E. Funk, Marion; R. R. Wood, Cottonwood Falls; Edward Crawford, Stafford; Terrell W. Kirton, Amber, Okla.; Scott R. Bellamy, Meade; I. K. Tompkins, Byers; Waldo H. Lee, Keats; Fredrick Hedstrom, Manhattan.

The students who make this team will be entered in livestock judging contests to be held at the Kansas National Livestock show, Wichita, November 12-15; the American Royal Livestock show, Kansas City, November 17-24; and the International Livestock exposition, Chicago, December 1-8. The team consists of five members and an alternate.

WIRE WORMS BOTHERING IN SOUTHWESTERN KANSAS

Prof. C. O. Granfield Reports Com-
plaints from Four Counties

False wire worms are doing considerable damage to fall sown wheat in southwestern Kansas, Prof. C. O. Granfield of the agronomy department, reported this week. He visited recently in Comanche, Clark, Kiowa, and Ford counties where fields are bothered with the pest.

MANY ARE AIDED BY HOME STUDY SERVICE

TAKES COLLEGE TO THOSE WHO CAN'T COME TO IT

Professor Gemmell Analyzes Purposes
of Department for Extension Vis-
itors—Intended to Help Many
Classes of Students

The purpose of the home study service of the Kansas State Agricultural college is to take the college to those who cannot come to it, Prof. George Gemmell, head of the service, said yesterday in a talk before visiting extension people. Persons in Kansas and elsewhere, who for many reasons cannot attend classes on the college campus or are past the time when this would be advisable for them, can use the facilities of the college to great advantage and the home study service is a part of the extension division of the college designed to fill this need.

EXPERIENCE PLUS SCIENCE

"Once it was thought that educational problems could be solved only in the classroom, where subject matter was chosen from a textbook," the home study department head explained. "Today it is realized that the home, the farm, and the shops are calling continually for the solution of problems upon which the future of the state depends. A barren soil, an unprofitable herd, an unsanitary home, and kitchen wastes are but petty examples of the innumerable difficulties to be overcome. Years of experience and observation have enabled many to solve their problems with some degree of success, but the lack of scientific knowledge is responsible for many individuals experimenting extravagantly and often uselessly. A combination of experience and training in scientific methods is best.

"One way of meeting these situations is through correspondence courses. They are no longer an experiment, but are a demonstrated success. With them odd hours of spare time may be made to count. The gross time required to complete correspondence courses is practically the same as would be necessary for the same courses in resident instruction. Taken where they may be applied to a practical situation, they may be even better. Correspondence courses may be started at any time. They wait when one is busy. They are instantly ready when one has time. In fact, they are 'made to order' for the busy person.

INSTRUCTORS ARE SPECIALISTS

"The department of home study service of the division of college extension was organized to form a close connecting link between the work of the resident students and those who are doing outside work. The instructors employed in this department are selected not only because of their technical preparation but because they have made careful study of the methods of correspondence teaching. They devote their entire time to this work and can thus give their students the advantage of the help of a specialist, both in subject matter and in method of teaching.

"This plan of organization gives every person who takes advantage of the home study service a personal representative at the college to furnish him technical information in a form which can be most readily understood. Since the adoption of this plan of organization, it has proved its efficacy in the increased number of students who have completed their courses in a satisfactory manner.

"The experience of the many who have successfully and profitably completed courses has proven that there is a demand for the kind of work given by the department of home study service. The sole purpose for which this department exists is that of rendering a service to the people."

Bruce with U. S. D. A.

W. G. Bruce, '20, is assistant entomologist with the United States department of agriculture and is now at work on a survey of insects affecting livestock in the Dakotas and Minnesota. After January 1 he will be in charge of the government research laboratory in Fargo, N. D. He visited friends and relatives in Kansas while on a business trip to Dallas, Tex.

Now and then in our humdrum, everyday lives it is well to indulge in a bit of sentiment.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, President..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, LILLIAN HUGHES NEIS-
WANGER, R. I. THACKREY..... Assoc. Editors
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, OCTOBER 24, 1928

THROUGH AN OLD GRAD'S EYES

Perhaps the homecoming grads didn't come back to see the old college as it is today so much as they came to keep tryst with the past that was "our day"—to have poignant memories revived by the things that haven't changed. The ivy is red again on Anderson. The students hurrying through the long hall seem to be the old friends, not strangers, except that they look so young. "We were older!" There is secret relief to find a department or two still in its old cramped quarters. Oh, of course they're boosting for the new buildings, but there was intimacy in a bit of makeshifting together. And it's the familiar places and faces that make the college still "our college" to them.

It's the sense of possession, and of personal identity with the composite of tangibles and intangibles which we call "K. S. A. C." that makes school spirit, that leads us to say "alma mater." Small wonder that the emotional transition from undergraduate patriotism to alumni spirit is a difficult one to make. It hurts to relinquish so much of the joy of possession to the strangers, and to feel that for them our personalities are vague, if not altogether lost, in the haze that is college history. Some alumni never make the adjustment. They are the disillusioned who "never want to go back again" after the first time. And the few grouches who, irritated by the cycles time causes, take their grudge out in criticism of the changes and the younger generation which seems to have made them.

Perhaps those who become our "loyal alumni" find their satisfaction in the ghosts that walk again at Homecoming.

SPEAKING OF THE WEATHER

One hesitates to mention the weather—please read on—it is so generally considered to reveal lack of conversational adroitness. And writing about the weather has been made as taboo as talking about it by the amateurish sentimentality that flows through the press each spring and autumn. But really one simply must say something about this glorious Kansas fall, even at the risk of rain or snow between now and press time! Ignoring the weather becomes rather a silly pose these days. But we shall be conventional enough to stop with a mere casual mention.

HOW THEY WIN VOTES

One of the inherent and ineradicable traits of the American voters is that they infinitely prefer to vote against something or somebody than for them. From this basic fact spring many of the ground rules of politics by which votes are swung and success achieved. It is very much more effective to give the voters reasons for voting against the opposing candidate than to supply them with reasons for voting for one's self.

As a political asset the ability to dramatize your issue or yourself is hard to beat. It is worth any amount of argument, statistics, facts. If you have the dramatic touch, the ability to give a show, you can on occasions really get home to the people with a constructive issue, really

make them grasp a governmental problem, really become concerned over a public question.

It is the contention of an aged but unusually astute politician now in the United States Senate—a veteran of many campaigns and in his time a candidate for many offices—that what the people want is "hokum." "Give them hokum," he says, "and you've got 'em." Hard-boiled as is this philosophy its soundness is beyond dispute. Hokum is what they want and, other things being equal, the candidate who knows how to feed it to them will win every time over the candidate who does not. In some sections it is called "bunk," in some "bull," in some "banana oil," but "hokum" is the generally accepted political phrase, and the most comprehensive.

It has, I hope, been made clear that two things essential to success in politics are organization support and adequate finances. But there is another which most politicians will agree is equally vital and some will maintain is the most indispensable of the three—publicity. Certainly it is true that a campaign without publicity is no campaign at all. —From "Political Behavior" by Frank Kent.

THE ARTS OF A COMMERCIAL ERA

The Ten Story Book, Number 538 South Dearborn street, Chicago, announces: "We will, in the future pay on acceptance for all sex stories, and said acceptance will be made within a week of receipt of manuscript, or same will be returned to author. Non-sex stories of which we are far less in need, will be paid for on publication as in the past." There have been hack writers since Grub street was a cow path, but perhaps never such a variety of cynical prostitutes as find their way into the popular magazines of today. Meanwhile the income of the collar designer and the magazine cover mechanic results in country houses and private yachts, while the genuine artist, particularly if he be young and unknown, more often keeps to his attic. A young virtuoso attempting the entry into a concert tour of America has a strict and time honored path to tread which consists chiefly of bribing the several musical journals by means of a sufficient number of paid advertisements to command favorable notices. In brief, art as a free expression of creative impulse is almost intolerably hedged about with commercial consideration, with the result that effort which should normally cater to one of the finest and most profound of human wants is crippled and broken and wasted. Save perhaps in literature, we have no modern art in the sense that the Greeks knew it, the medieval craftsman, or the Renaissance. — From "The Tragedy of Waste," by Stuart Chase.

TEACHERS: A CYNICAL VIEW

The school teacher and editorial writer offer a proper pair and parallel. Both work in the sweat of a scholarly brow, which is perennially cooled by the chill breath of local and intramural politics. Both are buoyed by the hope that not all their shots are wasted, and hug to their bosom any evidence that their labors take effect. Both relish the hours and conditions of their profession—which are simply splendid—and both find much comfort in the civilized company of their kind. But neither normally escapes the faint halo of pathos which encompasses the devoted head, and neither can find a perpetual anesthetic for the carking consciousness of ineffectuality.

—Donald F. Rose in The Forum.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

F. D. Farrell was appointed by Governor Capper to membership in the Kansas council of defense.

Alma G. Halbower, '14, enrolled in the bureau of dietetics to serve as a dietitian for overseas service.

Prof S. C. Salmon represented the college at a hearing on standards for grading oats which was conducted by the federal bureau of markets at Kansas City.

TWENTY YEARS AGO

Edward J. Davidson, a photographer of Kansas City, took a panoramic view of the college campus, the

picture to be used as a frontispiece in the college yearbook and catalogue.

The faculty, numbering nearly 100, had a group picture taken on the campus in front of Anderson hall.

Dr. H. W. Wiley, chief of the bureau of chemistry of the United States department of agriculture, appointed Dean Willard a member of

Science, brought a mineralogical collection from Montana for the college museum.

The sixth biennial report of the state treasurer was received. It represented 75 solid pages of solid figures that proved a solid foundation for the finances of the state.

Mrs. Fairchild, Mrs. Kedzie, Mrs. Lantz, and Miss Fairchild represent-

Editors Today Represent Their Times

The Topeka Daily Capital

At the dinner at Manhattan Thursday evening the tribute paid to Kansas newspapers as a body were deserved. We do not consider President Farrell's statement that Kansas newspapers on the whole rank above those of most states was merely applesauce for the assembled editors. In many years of observing Kansas newspapers the present writer can say that there is no class of work in this state that has developed and improved in a more notable way than the making of newspapers. The time has long passed when the country papers of this state consisted of a smattering of local "items," an editorial page devoted largely to wrangling with the opposition sheet, an appetite for the county printing, and patent insides. They have developed into organs of their communities in the fullest sense, home print throughout, edited at home, independent of outside influence, reflecting the life of the state locally, not concerned about patronage or county printing or chiefly about politics, but concerned in making a newspaper, and with an understanding of what a newspaper is that did not exist a full generation ago.

Not many years ago a leading editor in Kansas took the Kansas editors to a trimming in a public speech in Topeka, comparing present-day editors to their great disadvantage with the old-time editors who made the welkin ring. But welkin-ringing is no longer the predominating objective of Kansas editors. The old-time editors cited by the orator in this case—and he is an orator as well as an editor—ably satisfied the requirements of their profession in their time, but the times are not what they were. It was an era of beginnings, but also of a closed epoch. When Kansas saw the slavery issue actually settled which had divided and threatened to disrupt the nation for 50 years, it was not unnatural to regard all major problems as solved, or if not, that this country had only to turn its hand to them to solve them. It was a period of enormously exaggerated cocksureness, complacency and optimism. Correspondingly the bias of the time tended towards complete certainty on all questions. All opinions were apt to be settled convictions. Everything seemed to be known that it was necessary to know, and consequently so far as the editors were concerned differences of opinion became violent and intolerant. It was a time also of "town rows" in which newspapers were engaged mainly in fighting each other and town factions were rampant. It was a time of town rivalries in growth and expansion and the temper of local newspapers was often sharp and bitter. Abuse of one town by the newspapers of other towns was a common note.

Different times, different manners. Kansas newspapers today in their mutual exchanges have come down from scurrilous epithets to good humored wisecracks. The spirit is friendly and sympathetic. But this is only one aspect of the altered order. Along with this change of spirit and largely accounting for it is the fact of a new world in which uncertainties replace certainties. Diversity and complexity have succeeded the optimism of assurance on religious, political, social, industrial, economic questions. It is no time for dogmatism and the closed mind. The old-time editor, however effective for another age, would not fit well or would necessarily readjust himself in an age of widening knowledge and the sense that with all the advancement made there is vastly more to be learned than is dreamt of in his positivism. Naturally greater tolerance and good humor marks the present-day editors. With no disparagement whatever of the old-time editors, who belonged to their time, the editors of today and the Kansas newspapers represent their times, and in a fashion that is far from warranting hasty generalization putting them in their place as unworthy followers of the giants of a former era.

the sub-committee of section seven, agricultural chemistry.

THIRTY YEARS AGO

A college social was given at Professor Cottrell's home on the campus, at which there was a good attendance.

An article in the Hutchinson Bee stated, "The state agricultural college is all right, and we hope to see more of our Reno county boys taking advantage of the opportunity of getting a thorough education free of cost."

FORTY YEARS AGO

J. R. Meed of Wichita, who was president of the Kansas Academy of

ed the college ladies in the visit of the Home Economics club to the Ladies' Literary league of Abilene.

FIFTY YEARS AGO

Professor Platt went to Wamego to attend a musical convention.

Special courses for women consisted of lectures on farm economy, gardening, household chemistry, and special hygiene.

There was a cold northwest wind which was followed by a snowstorm, but Professor Failyer predicted a rising barometer soon.

Marriage and hanging go by destiny; matches are made in heaven. —Robert Burton.

PIED BEAUTY

Gerald Manley Hopkins

Glory be to God for dappled things—
For skies as couple-colored as a
brindled cow;
For rose-moles all in stipple upon
trout that swim;
Fresh-frocoal chestnut-falls; finches'
wings;
Landscapes plotted and pieced—fold,
fallow, and plough;
And all trades, their gear and
tackle and trim.
All things counter, original, spare,
strange;
Whatever is fickle, freckled (who
knows why?)
With swift, slow; sweet, sour; adaz-
zle, dim;
He fathers-forth whose beauty is past
change:
Praise Him.

SUNFLOWERS

H. W. D.

ELECTION RELIEF

The election is upon us.

Whether we like it or not, we must hie ourselves to the polls and choose a president from among those who choose to run.

And it seems to be the prevailing notion that all citizens, male and female, who have had twenty-one brief years of knocking about on this terrestrial spheroid should vote, whether they feel like it or not. Worse than that, there are those who insist that we should all exercise our voting privilege even if we have not the slightest idea what it's all about.

About both of these notions we have considerable doubt.

We suspect that things would go a lot better if only those citizens who know what they are doing and how are allowed within the so-called sacred precincts of the polls.

We are just about to come out in favor of an intelligence test for voters and the restriction of suffrage to the upper quartile, or whatever it is that a professor of education calls the one fourth part of anything.

Of course, the kind of question that is asked in an intelligence quiz is not supposed to make much difference, but in this test we'd change that and make all questions both pertinent and impertinent.

Here are some examples:

1. What is meant by representative democracy?

2. How does it differ from misrepresentative democracy?

3. How many kinds of government have you lived under and which do you prefer?

4. What is politics? How do you play it? Why don't you work it? What is its relation to government and statecraft?

5. Do you believe in the principles for which your party stands? What are they? Then how do you know—oh, well—?

6. What is the difference between a principle and an issue? Who determines what the issues are going to be? How does who do it?

7. Explain fully the difference in conduct between a man who is running for office and one who is in office?

8. What is a promise?

9. What is a political promise?

10. Do you believe that legislation can bring you prosperity, relief, happiness, high wages, low cost of living, domestic felicity, freedom from bunions?

11. Have you read the constitution of the United States? Do you think it needs more or less amending? How much?

12. What do George Washington, Thomas Jefferson, Andrew Jackson, Abraham Lincoln, and others have to do with the present contest between Herbert Hoover and Alfred Smith?

13. Whom are you going to vote for?

This test ought to be good. It would discourage the nitwits and the morons, and No. 13 would do away with the election.

AMONG THE ALUMNI

Robert M. Platt, '10, is running a ranch at Hoopup, Col.

Joseph P. Scott, '28, is located at 460 Adams street, Denver, Col.

David A. Yerkes, '26, is located at 1510 K street, Lincoln, Neb.

Mildred Kaucher, '21, is located at 3133 Penn street, St. Joseph, Mo.

Cora (Temporo) Fickle, '14, is living at 1309 Claremont, Pueblo, Col.

Arnold J. Englund, '22, is teaching vocational agriculture at Columbus.

Jessie Allen, '08, asks that her INDUSTRIALIST be sent to Roanoke, Tex.

Esther Sorensen, '27, asks that her INDUSTRIALIST be sent to Shamrock, Tex.

Elsie (Hellwig) Moore, '15, has moved from Montrose, Col., to San Jose, Cal.

George Y. Blair, '19, is connected with the citrus experiment station at Riverside, Cal.

William K. Lockhart, '24, is now located at 1448 Marlboro street, Winkinsburg, Pa.

Edith A. Carnahan, '28, has changed her address from Garrison to route 8, Manhattan.

C. A. Wallerstedt, '17, of Bloomfield, N. J., has moved to 3108 Morrow avenue, Waco, Tex.

Gladys E. Hoffman, '18, is teaching in the Fairmount Junior high school, Cleveland, Ohio.

Clifford H. Strom, '27, has changed his address from Abilene to 325 Leavenworth, Manhattan.

Mabelle (Sperry) Ehlers, '06, has left Chicago to locate at 1280 Raymond avenue, St. Paul, Minn.

Lillie Brandly, '27, has accepted the position as bookkeeper in the office of the Manhattan Mercury.

Freda A. Schroeder, '28, has taken a position in the dietary department of Herman Kiefer hospital in Detroit, Mich.

Eheyl Christensen, former Y. W. C. A. secretary at K. S. A. C., is attending the University of Wyoming at Laramie.

L. W. Baily, '28, is a student engineer with the General Electric company. His address is 206 Campbell, Schenectady, N. Y.

Estelle (Barnum) Shelley, '20, asks that her INDUSTRIALIST be addressed to 1211 South Bronson, Apt. 103, Los Angeles, Cal.

Bertha (Davis) French, '11, and Mr. French have moved from Staten Island, N. Y., to 416 Highland avenue, Mt. Vernon, N. Y.

Herschel Morris, '27, has been transferred from Topeka to Wichita. Morris is traffic assistant for the Southwestern Bell Telephone company.

L. W. Lawton, '07, makes the growing of ornamental plants adapted to the middle west a specialty. He is manager of the Prairie Gardens company at McPherson.

Floyd E. Israel, '28, is taking graduate work at the North Carolina State college. He has asked that his INDUSTRIALIST be sent to box 5412, College Station, Raleigh.

C. L. Erickson, '27, and Olive (Manning) Erickson, '27, are living at 1311 Merriam avenue, Bronx, New York City. Mr. Erickson is a chemist at the Bell Telephone laboratories.

George C. Wheeler, '95, editor of Western Farm Life, is listed in the 1928-29 edition of Who's Who in America. Mr. Wheeler is distinguished for his work in agricultural journalism.

W. J. Welker, '24, is on vacation from his farm implement business in Claresholm, Alberta, Can. He attended homecoming activities and is spending some time at his former home in Coffeyville.

John C. Noble, '28, has asked that his address be changed from the Navy Yards, Washington, D. C., to 1424 S. E. T street, Washington, D. C. Mr. Noble is an engineer with the navy department.

Eric Englund, former professor of agricultural economics at K. S. A. C., has been appointed to have charge

of the division of agricultural finance, division of agricultural economics, United States department of agriculture.

A. L. Clapp, '14, has resigned from his position as county agent leader to accept the position left vacant by the resignation of H. R. Summer, '16. Mr. Clapp will be extension agronomist and will have charge of the wheat train.

Mary F. Reed, '28, writes from Detroit, Mich., that she is enjoying her work in the Merrill-Palmer school and has seen several Aggies there. Mary Katherine Russell, '24, Vesta West, '27, and Dorothy Stahl, '27 are with the Visiting Housekeeper's association in Detroit.

W. F. Lawry, '00, of Smooth Rock Falls, Ontario, Can., is by profession an engineer but during the past summer he proved that he knew something of vegetable gardening by winning first place with his vegetable collection displayed at a horticultural exhibit in Smooth Rock Falls. Mr. Lawry recently moved from South Porcupine, Ontario.

MARRIAGES

FRENCH—WITHEY
The marriage of Mattie French, f. s., of Lewis to Walter Withey, f. s., of Home took place in Manhattan September 27.

TWIBELL—DAVIS
The marriage of Mabel Twibell of Blue Rapids to Marion Davis, f. s., took place at Riley August 10. Mr. and Mrs. Davis are at home in Manhattan.

WILLITS—PALMQUIST
Mr. and Mrs. L. B. Willits announce the marriage of their daughter, Dorothy Jean, '26, to Norman E. Palmquist, f. s., at their home in Topeka October 18.

FEAR—LIVINGS
The marriage of Golda Fear, f. s., of Manhattan to Harry L. Livings, took place at Walsenburg, Col., August 21. Mr. and Mrs. Livings are at home at La Veta, Col.

JONES—TERRY
The marriage of Hazel Ellen Jones, f. s., of Horton to J. W. Terry, Nebraska university, took place in Olathe September 29. Mr. and Mrs. Terry are at home at 522 South First street, Atchison.

GRAY—AYDELOTTE
The marriage of Bernice L. Gray of Holton to Oscar H. Aydelotte, '23, took place in Denver September 30. They are at home in Denver where Mr. Aydelotte is employed by the Public Service bureau.

JOHNSON—WETTIG
Mr. and Mrs. A. B. Johnson of Manhattan, announce the marriage of their daughter, Mamie B., '23, to Carl E. Wettig, '19. They were married in Leavenworth June 25. Mr. and Mrs. Wettig are at home at Valley Falls.

STEVENSON—BARLOW
Announcement has been made of the marriage of Martha Stevenson, f. s., to Vernon Barlow, f. s., which took place last March 31. Mr. and Mrs. Barlow are making their home in Kansas City, Mo., where Mr. Barlow holds a position with the Irvin Pitts manufacturing company.

MOORE—SWARM
Mr. and Mrs. E. H. Moore of Lawrence announce the marriage of their daughter, Virginia, to Jack O. Swarm, f. s., of Caldwell, Idaho, at their home September 2. Mr. and Mrs. Swarm are at home in Oklahoma City, where Mr. Swarm is in business with the William Volker company.

TOLLES—SMITH
The marriage of Hughla Tolles, f. s., Houston, Tex., to Wendell Smith, Kansas university, took place in Kansas City August 18. Mrs. Smith is beauty editor of the Household magazine and Mr. Smith is an artist in the advertising department of the Capper publications. They are making their home at 1516 Van Buren, Topeka.

OUR OWN FOLKS

Record breaking crowds, good roads, and a perfect autumn day characterized the 1928 homecoming at K. S. A. C. Only the small end of a football score marred the occasion.

Five hundred alumni received football tickets in a special reserved section which was sold through the alumni office. Most of these tickets were mailed out in response to mail order requests several days before the game.

Any graduate of the college who traveled a distance of 25 miles or more was given a complimentary ticket to the luncheon by the local association where he heard a series of talks by well-known alumni. Albert Dickens, '93, served as toastmaster. At 2 o'clock the annual game between Kansas university and the Aggies was called.

John Henry Hofman, '24, and Mrs. Hofman perhaps hold the record for coming the longest distance to attend the homecoming activities. Mr. Hofman is stationed with the United States geological survey in Honolulu, Hawaii, and took advantage of a five weeks' leave of absence to return to K. S. A. C. They traveled over 4,700 miles in reaching Manhattan.

Homecoming alumni were entertained in recreation center Friday night with a reception held by the members of the Riley County association after imbibing a fighting spirit from the big pep meeting and parade held earlier in the evening. Local alumni held open house for all visitors Saturday morning and invited them to the luncheon in the college cafeteria at noon.

Among other alumni who thought distance no barrier to attending an Aggie homecoming were Lois Failor, '07, of Washington, D. C.; Lester H. Means, '23, Schenectady, N. Y.; F. C. Dickinson, '17, St. Paul, Minn.; Mr. and Mrs. F. F. Booker, former students of El Monte, Cal.; Mildred (Berry) Swingle, '19, Washington, D. C.; Austin W. Stover, '24, Blackfoot, Idaho; and John F. Davidson, '13, Rock Rapids, Iowa.

Nickoloff Will Be Cared For

Kiril Pop Nickoloff, '28, returned to the college this fall to continue his studies to more fully prepare himself for educational work in Bulgaria, his native country. It was learned, however, shortly after school began that he had incurred tuberculosis. Nickoloff has been dependent upon his own resources, and has a wife and an eight year old boy to support in Bulgaria. His plight came to the attention of various individuals on the college staff and in Manhattan, and the result is that a fund of \$800 will be raised to care for him and his wife and son.

Considerable money has been donated by various individuals and a committee is working with the Cosmopolitan club, which will put on its third annual "Cosmo-ditties" to help secure a benefit fund for Nickoloff. The "ditties" this year will be under the direction of Miss Osceola Hall Burr, and will be presented November 16 in the college auditorium. Admission has been set at 50 cents, and a well organized campaign to sell tickets has begun to function.

Mr. Nickoloff comes from Macedonian parentage, his father having been a Greek orthodox priest, who was killed by the Turks in the Macedonian uprising of 1903. He himself was left in the forest, apparently to die but some American missionaries took him to their orphanage at Monastir, later sending him to the American Agricultural Industrial school at Salonica, Greece. After the war, in which he served as a corporal and veterinarian, he was assistant manager of animal husbandry in charge of field work in a Bulgarian agricultural station, 1919-26. Finally, he saved sufficient funds to realize the dreams of his youth which he said was to come to America to better "the miserable perspective of the hard economic life in Bulgaria and

Kenney Ford



Meet the new alumni association secretary, Kenney Ford!
Members of the committee which secured Mr. Ford as the association's chief executive felt they were more than fortunate to obtain him. He has set an unusual mark in his undergraduate days and since his graduation in 1924.

Ford becomes active at his new post November 1.

to study the truth about physical and spiritual phenomena."

With the funds raised for the aid of Nickoloff, the patient will be sent to the sanitarium at Norton. It has been impossible to send Nickoloff there at the expense of the state because he is not a citizen of this country.

MANY KANSAS COUNTY AGENTS ARE AGGIES

They Attended Annual Extension Conference at College Last Week
—List Totals 61

Many graduates of the Kansas State Agricultural college are now doing county agent work in Kansas. Last week many of these graduates attended the extension conference at the college. Following is a list of those who registered for the conference, together with the county in which they are working:

Roy E. Gwin, '14, Allen; Joe M. Goodwin, '14, Atchison; Henry L. Lobenstein, '26, Atchison; R. E. Williams, '07, Barton; T. F. Yost, '20, Bourbon; W. H. Atzenweiler, '26, Brown; Chas. E. Cassel, '10, Butler; C. F. Gladfelter, '24, Cottonwood Falls; R. T. Patterson, '24, Cherokee; M. C. Kirkwood, '28, Cheyenne; R. R. McFadden, '21, Clark; C. R. Jaccard, '14, Clay; E. A. Cleavinger, '25, Coffey; Fred J. Sykes, '26, Coldwater; E. H. Aicher, '10, Cowley; A. E. Jones, '16, Dickinson; Chas. E. Lyness, '12, Doniphan; A. E. Gilkinson, '14, Douglas; Geo. W. Sidwell, '15, Edwards; Orville R. Caldwell, '28, Finney; Harry C. Baird, '14, Ford; Paul B. Gwin, '16, Geary; J. H. Collidge, '25, Gray; J. W. Farmer, '23, Greenwood; Vance Rucker, '28, Harper; Ray L. Graves, '12, Harvey; Geo. S. Atwood, '24, Hodgeman; H. F. Tagge, '14, Jackson; Duke Brown, '22, Jefferson; Ralph P. Ramsey, '16, Jewell; C. A. Jones, '24, Johnson; W. S. Speer, '25, Kingman; Walter C. Farner, '27, Labette; E. H. Leker, '27, Leavenworth; R. L. Stover, '24, Lincoln; W. J. Daly, '25, Linn; Carl L. Howard, '20, Lyon; M. L. Robinson, '23, McPherson; J. D. Montague, '20, Marion; W. O'Connell, '16, Marshall; John H. Shirkey, '26, Meade; John T. Whetzel, '27, Miami; D. Z. McCormick, '21, Morris; Glenn M. Reed, '25, Nemaha; E. L. McIntosh, '20, Osage; Robt. E. Curtis, '16, Ottawa; C. H. Stinson, '21, Pawnee; F. L. Timmons, '28, Pratt; E. F. Carr, '27, Rawlins; C. M. Carlson, '27, Reno; W. H. von Trebra, '24, Rice; S. D. Capper, '21, Riley; D. E. Hull, '17, Saline; H. L. Hildwein, '14, Sedgwick; W. H. Robinson, '16, Shawnee; Neil L. Rucker, '13, Sherman; A. B. Kimball, '89, Smith; L. M. Knight, '23, Sumner; John V. Hepler, '15, Washington; C. E. Agnew, '21, Wilson; Richard L. von Trebra, '26, Wyandotte.

Marie Correll at Wisconsin

Marie Correll, '25, received her master's degree from Wisconsin university last spring and is teaching in the economics department there this year.

RECENT HAPPENINGS ON THE HILL

No classes were held Saturday on account of the K. U.-K. S. A. C. game.

Literary societies held joint meetings last week end to welcome the old grads.

The new Wareham hotel ball room was opened Saturday night with a Homecoming varsity.

Mrs. J. H. Wiggan, president of the Kansas Federation of Women's clubs, spoke at the student forum last Wednesday.

Women athletes started practice teaching in the city schools last week. The work is under the supervision of Miss Helen Saum.

The fourth annual meeting of the Kansas Association of Teachers in Economics and Business was in session here Thursday and Friday.

Traffic regulation at the K. S. A. C.-K. U. game was taken care of by 100 members of the R. O. T. C., under the direction of the Manhattan police.

The Manhattan theater season opened Friday night with the production of "Is Zat So," a racy recountal of the lives of a prize fighter and manager.

In the class elections the Theodor party won out over the Democras in all classes except the senior, where five of the minority group were successful.

K. S. A. C. recently received a large silver trophy cup, emblematic of the Missouri Valley rifle shooting championship, won last spring with a total score of 1,286 points.

The stadium drive started last Thursday with a chapel program during which talks were given by M. F. "Mike" Ahearn, Rev. "Bill" Guerant, A. N. "Bo" McMillin, and Dr. H. H. King.

Total membership of the Hoover and Curtis clubs in Kansas and Missouri is estimated at 6,500, and plans are being made for a rally day in Kansas City, which Senator William Borah is to address.

Of the 68 attending the annual extension conference held here last week, 61 are graduates of K. S. A. C. The first man to graduate from the college in this group was A. B. Kimball, county agent of Smith county, who graduated in 1889.

Those Good Old Days!

Harry C. Rushmore, '79, writes that the 50 year ago items in THE INDUSTRIALIST are recalling "some of the atrocities of his young and callow life," especially the Alpha Beta-Webster joint session mentioned in last week's issue.

Dizmang a Research Assistant

Oscar K. Dizmang, '26, has been recently appointed research assistant at the University of Chicago in the school of commerce and administration. His address is Snell hall, Room 32, Chicago university.

Pulver Has Big Job

William A. Pulver, '12, has been made head veterinarian of the Central Shuey ranch of the Golden State Milk Products company at Brentwood, Cal. This ranch carries 1,400 head of dairy cattle.

Youngman Tours Europe

Lawrence Youngman, '27, writes from London that he is greatly enjoying his visit in Ireland and England. He expects to spend several weeks in Paris and other points on the continent.

Carl Miller Quits Press

Carl P. Miller, f. s., has given up his position as assistant financial editor of the Los Angeles Times to become assistant to the manager of the Los Angeles stock exchange.

HAPPY JAYHAWK BIRD RETURNS TO LAWRENCE

K. U. VICTORIOUS IN HOMECOMING
GAME BY 7 TO 0 SCORE

Crowd of 16,000 Sees Aggies Go Down
Before Last Minute Attack
—Breaks Four-Year
Record

(By H. W. DAVIS)

Once more the Jayhawk Bird is happy, and knows that every cloud has a silver lining and that all things turn out for the best if you are just patient and keep on trying. Once again the Jayhawk Bird has the privilege of looking upon a thwarted Wildcat, sore and bleeding and dusty and defeated. For the Jayhawk Bird turned in a 7-0 victory at the conclusion of the annual melee on Saturday afternoon, October 20, 1928, and thereby brought a run of four defeats to an abrupt end.

It was a great game and a great crowd and a great day. The sun shone brightly but not too brightly, the breeze was brisk but not too brisk, the customers were just numerous enough not to spill over at the ends of the stadium. As far as scientific, errorless, brainy football was concerned, the game was good but not too good—just about good enough to thrill 95 per cent of the 16,000 eager onlookers as far as it is safe to thrill the genus homo and leave any hope of recovery.

JAYHAWKS FAIL TWICE

Three times the Kansas university warriors found themselves within scoring distance of the Aggie goal, each time as a result of a break or an Aggie error. Two times the crimson found itself utterly stopped in its valiant effort to convert opportunity into accomplishment. But the third time came, as third times will do; and two measly minutes before the timekeeper pulled the trigger for the final crack of the pistol, Art Lawrence, Jayhawk back, flipped a sizzling pass to Hauser, captain and end extraordinary, and transferred all gloom to the west side of the stadium and all joy to the east.

The statistics which you will find farther on do not show that the Jayhawk had any appreciable edge over the Wildcat; indeed, they seem to imply that the reverse is true. But as play after play was reeled off the Jayhawker seemed to have a slight advantage in strength and less tendency to be human and err. The two lines fought each other to perfect standstill. With very few exceptions, all gains worthy of consideration were made around the ends or high over the tops of lines. The Aggies looked to be considerably outweighed, but they made sturdiness count for what they lacked in beef.

TEAMS TOO EAGER

Both teams were too eager to win, perhaps. They spent a whole season of determination in one small afternoon. Such a thing makes for a scrap worth going a thousand miles to see, but it does not make for errorless football. Plays were spun off with a rapidity that heated up the air all over Ahearn field. The pencil pushers in the press box would have called time-out on a dozen occasions if they had had any standing with the officials. There were very, very few times when the cash customers could settle back and relax the hold on their spines. Sixteen thousand nervous wrecks stumbled out of the stadium at half-past four. It was that kind of game.

Thanks for most of the thrills of the afternoon are due to Ash, Lawrence and Hauser of the Jayhawkers and to Nigro, Weller and Platt of the Aggies. Thanks for the stopping of thrills are due to Shannon and Hauser of the Jayhawkers and to Pearson, Bauman and Lyon of the Aggies.

For the Wildcats the defeat means that the 1928 football season has just begun—not that it is halfway over. The Aggies are light and inexperienced. Their four remaining games offer the fine opportunity of showing the world that such teams can work wonders. They have already demonstrated that they have ability plus and that they are taking to the "Bo" McMillin brand of football like ducks to water. Every Aggie fan is advised to watch 'em, and

watch 'em like a hawk—and we don't mean next year.

Here is the story statistically told:

Aggies-0	Position	K. U.-7
Towler	.....L.E.	Hauser (c)
Freeman	.....L.T.	Schoplin
Tackwell	.....L.G.	Shannon
Pearson (c)	.....C.	Ramsey
Bauman	.....R.G.	Logan
Lyon	.....R.T.	Olsen
Daniels	.....R.E.	Mullins
Platt	.....Q.	Paden
Nigro	.....L.H.	Lyman
Meissinger	.....R.H.	Lawrence
P. Swartz	.....F.B.	Cox

Substitutions: Kansas Aggies—Evans for Platt, Weller for Swartz, Swartz for Weller, Bokenkroger for Daniels, Weller for Swartz, Platt for Evans, Limes for Nigro, Anderson for Tackwell, Errington for Limes, Shay for Anderson.

Kansas university—Payne for Cox, Cox for Payne, Ash for Lawrence, Briggs for Shannon, Mullins for McCormick, Lawrence for Ash, Sorem for Olsen, Shannon for Briggs, Smoot for Ramsey, Fisher for Paden, McCormick for Mullins, Ed Schmidt for Payne, Don Cooper for Lawrence, Fetty for Hauser.

The summary: Scoring—Touchdowns, Kansas Aggies, none; Kansas university, Hauser. Point after touchdown, Schmidt. First downs earned—Aggies 7, K. U. 4. Total offensive plays—Aggies 52, K. U. 62. Yards gained in scrimmage, including forward passes—Aggies 194, K. U. 136. Yards lost in scrimmage—Aggies 18, K. U. 30. Average net gain per play, yards—Aggies 3.7, K. U. 2.2. Fumbles—By Aggies 4, by K. U. 1. Own fumbles recovered—Aggies 3, K. U. 1. Punts—Aggies, 11 for an average of 35.2 yards; K. U., 12 for an average of 31 yards. Average run back of punts, yards—Aggies 5, K. U. 1. Forward passes—Aggies completed 4 out of 8 tried for a total of 38 yards including run after pass; K. U. completed 8 out of 14 tried for a total of 83 yards. Passes intercepted—By Aggies 2, by K. U. 3. Penalties—Aggies, 3 for 35 yards; K. U., 2 for 20 yards. Kick-offs—Aggies, 1 for 45 yards; Kansas, 2 for 52.5 yards. Officials—Referee, J. C. Grover, Washington U.; umpire, F. E. Denny, Brown U.; field judge, Louis Touton, Wisconsin; head linesman, Dr. J. A. Reilly, Georgetown.

Honor a Former Graduate

Ula May Dow, '05, head of the department of foods and nutrition at Simmons college, Boston, has been honored by having the second practice house at K. S. A. C. named for her. For the last few years Ellen Richards lodge has been maintained to give home economics students practical experience in home management but the demand became so great for the course that a second practice house was established this year. Ula Dow cottage is managed by Alice Englund, '26, and accommodates five girls for a three week period. Miss Dow is considered one of the foremost women in household economics in America.

Schmidt and Lewis Teach

H. W. Schmidt, '28, and H. G. Lewis, '28, are new members of the faculty of the Agricultural and Mechanical college at Stillwater, Okla. Both are instructors in descriptive drawing, Mr. Schmidt in the department of mechanical engineering and Mr. Lewis in the department of civil engineering. Mr. Lewis is also assistant tennis coach.

PROGRESS OF KANSAS PRESS

F. E. C.

Leslie Wallace of the Larned Tiller and Toiler was so busy last week moving into his new plant that he didn't have time to attend the recognition banquet at the college. In the new Tiller and Toiler building, which is 119 feet by 26 feet, the architect has made an effort to combine a touch of beauty with the utilitarian. The building is of stucco and carries out Spanish characteristics. It stands several feet back from the sidewalk and entrance is made to the office from a patio. An iron gate at the street entrance gives a finishing touch to the Spanish atmosphere of the building.

Drew McLaughlin of the Miami Republican changed his column width recently to 12 ems and now prints an eight column paper on the same press. He figures it is a big saving since he gets four and one-half columns more of news or advertising in an eight page paper. The Republican's stuff is all set solid eight point.

Volume 1, Number 1 of the Montgomery County Citizen at Cherryvale has made its appearance. The editors are Messrs. Goodwin and Van Dyke. Both are experienced printers and newspapermen.

During the political season Mrs. F. W. Boyd has been running a political column in the Phillips County Review.

EDITORS HONORED AT COLLEGE LAST WEEK

RECOGNITION PROGRAM STAGED
BY SIGMA DELTA CHI

Thirteen Kansas Newspaper Persons or
Papers Rewarded for Meritorious
Work—"Ideal Editor" Pre-
sented by C. E. Rogers

After 74 years of service to the people of Kansas, newspapers and newspaper men and women of the state were given recognition at the college last Friday night at a banquet and program planned to recognize this service to the state. The recognition was the closing episode in a campaign begun nearly a year ago by the K. S. A. C. chapter of Sigma Delta Chi, men's journalism fraternity, to select and publicly award outstanding newspaper persons of the state.

RECOGNIZE ALL PRESS

Although 13 individual editors or newspapers were singled out for special recognition, homage was paid during the evening to the Kansas press of the last three quarters of a century. The 13 superior newspapers or editors were elected for the honor by their colleagues early last month in a general poll of the Kansas press by the journalism fraternity.

Newton Cross, K. S. A. C. journalism graduate of 1928, as toastmaster, awarded certificates of honor in the classes and to the editors or papers as follows:

For daily newspapers:

The editor who has made the most constructive campaign against graft, crime and corruption—Henry J. Allen, Wichita Beacon.

The editor who has made the most constructive campaign for industrial development in his community—George W. Marble, Fort Scott, Tribune.

The writer of the best agricultural page or department—Leslie Combs, Emporia Gazette.

The newspaper having the best front page from the standpoint of content and makeup—Topeka Daily Capital, Charles H. Sessions, managing editor.

The best editorial page—Topeka Daily Capital, Harold T. Chase, editor.

The best humor column or paragraph column—"Grass Roots" by E. E. Kelley, Topeka Daily Capital.

BEST WOMAN EDITOR

For either dailies or weeklies:

The woman actively engaged in newspaper work who has done the most constructive good in Kansas journalism—Mrs. Cora G. Lewis, Kinsley Graphic.

For weekly newspapers:

The best editorial page—The Be-

loit Gazette, John R. Harrison, editor.

The best humor column or paragraph column—Thomas E. Thompson, Howard Courant.

The newspaper having the best front page from standpoint of content and makeup—Ellis County News, Frank Motz, editor.

The editor who has made the most constructive campaign for industrial development in his community—Leslie E. Wallace, Larned Tiller and Toiler.

The writer of the best agricultural page or department—J. P. Ruppenthal, correspondent to the Russell Record.

The best paper from a typographical standpoint—The Garden City Herald, edited by the Kelleys.

Approximately 150 newspaper persons, attending the banquet, were welcomed to the college by President F. D. Farrell. L. F. Valentine, editor of the Clay Center Times, responded.

THE IDEAL CHARACTERISTICS

An ideal editor, a composite made by centering in one individual the virtues of many Kansas newspapermen, was pictured by Prof. C. E. Rogers, head of the college department of industrial journalism. Characteristics possessed by this utopian editor included economic independence, intelligence, an eye to art, an unbiased attitude, courage, a sympathy for "Main Street," the ability to laugh, a love for state and its local history, at least a semblance of "belles-lettres," tolerance, and community spirit. Dozens of Kansas newspapermen and women figured in the making of the ideal editor.

POTATO GROWERS HAVE BUSY MEET SCHEDULED

Will Hold Eighth Annual Two Day
Conference and Show at College
November 1 and 2

Kansas potato growers will meet at the college November 1 and 2 for their eighth annual potato show, and to outline plans for fulfilling their slogan "more and better spuds per acre" for Kansas.

The two day session will open with a round table discussion on sweet potato culture and diseases. This will be led by O. H. Elmer, college plant pathologist. L. E. Call, dean and director of the Kansas agricultural experiment station, will explain the functions of the station during the noonday luncheon program. On the afternoon of the first day of the potato show a tour will be made of the experiment station and the agricultural college. A judging contest for boys will be conducted by A. J. Schoth, assistant state club leader, and C. E. Graves, extension pathologist, of the college.

Exhibits at the show will be judged and premiums awarded the winning entries by H. O. Werner, horticulturist of the University of Nebraska.

A banquet scheduled for the evening of November 1 will be presided over by Albert Dickens, head of the horticulture department. J. W. Evans, chairman of the truck growers' committee of the Manhattan chamber of commerce will give the welcoming address.

President F. D. Farrell, James W. Trant, Edwardsville, and F. B. Bomberger, from the University of Maryland and director of the Del-Mar-Va Eastern Shore Potato association, are other speakers for that evening program.

The opening event of the November 2 meeting will be "Potato Club Work in Kansas" by A. J. Schoth. Teams representing 4-H clubs will give demonstrations in connection with potato culture and the preparation of potatoes. Factors determining quality in seed potatoes will be considered by Mr. Werner and Mr. Bomberger will speak again on "The Potato Industry on the Eastern Shore."

The afternoon of the second day will be given over to reports upon the Kaw Valley Potato Growers' Traffic association and round table discussions of potato culture, diseases, and marketing.

Moser Delves in Politics

Lee Moser, '18, has taken a partial leave of absence from financial writing in Wall street to join the farm division of the Democratic National committee, New York City.

EXTENSION WORKERS LAY PLANS FOR 1929

CONFERENCE MOST SUCCESSFUL,
SAYS DEAN UMBERGER

More Than 125 Farm and Home Activities Give County Agents, Home Demonstrators, and Specialists Big Responsibility

Extension workers of the state of Kansas met at the college October 15 to 20 to compare notes on the past year's work and to set their stakes for agricultural extension work during the coming year. The series of meetings was the most successful ever held under his direction, according to Dean H. Umberger. County



DEAN H. UMBERGER

agents, home demonstration agents, and college specialists who attended numbered 126.

Two major considerations of the conferences were, first, the methods of doing extension work, and second, the coordination of various extension activities.

"It is essential for us to know which methods being used are the most effective in gaining interest," Dean Umberger said. "Do people want us to conduct a great number of farm demonstrations to which they can come at the most opportune time and learn through observation the advantages of applying new facts, or do they desire to be told of them through letters or lectures and in this way conserve their time?"

SERVICE MUST BE EFFICIENT

"Evidently they prefer the latter. It is evident that relatively few people actually visit field demonstrations. However, field demonstrations serve a purpose in giving authenticity and in creating confidence in the results they demonstrate.

"In the second problem, that of coordinating or relating the various extension projects, we are compelled to be efficient. It is necessary to determine the most essential problems and those facts which pertain to their solution and to utilize all the agencies which we have in larger programs which will assure unified effort and consequently greater progress in the solution of these problems.

"The extension service has come to be a great influence in rural life. This can be readily realized when we consider that during the past two years there has been an attendance of 3,081,855 in meetings of various kinds held by the extension service. These meetings have covered a range or more than 125 subjects, each one pertinent to some aspect of rural life. The program which includes these subjects involves the expenditure of more than a half million dollars of public funds and the regular cooperation of not less than 40,000 men and women and boys and girls.

LOOK TO TOMORROW

"These subjects range from those of production to marketing, including buying and selling, and the problems of the farm home and the interests of boys and girls.

"We must realize that it is our responsibility not only to help rural people in more than 125 recognized activities but to do this efficiently in a practical and in an effective way. We must look forward thoughtfully to seek out better ways of living for tomorrow. People are not satisfied to stand still and those who are responsible for the development of extension work—by this I refer to that progressive element of the public—will expect to be shown still other steps for advancement of tomorrow."

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, October 31, 1928

Number 7

DEAN CALL ANNOUNCES CONFERENCE PROGRAM

WHEAT SPECIALISTS WILL LAY RESEARCH PLANS

Replies to President Farrell's Invitation Show Grain Interests of Southwest Area See Need of Co-ordinated Efforts

Dean L. E. Call, director of the Kansas agricultural experiment station, has announced the completed program for the conference on wheat improvement research in the southern great plains which will be held at the college November 8. The conference will open at 9 o'clock with President F. D. Farrell presiding.

EVERY INTEREST REPRESENTED

President Farrell will present the need for an enlarged wheat research program in the southern great plains. E. H. Hodgman, farmer of Little River, will represent the farmers in telling what the research program will mean to the wheat grower.

Other speakers on the morning program are C. R. Ball, principal agronomist, U. S. D. A., "What the United States Department of Agriculture is Doing and Hopes to Do in Producing Better Varieties of Hard Winter Wheat;" H. R. Tolley, assistant chief in charge of research, bureau of agricultural economics, U. S. D. A., "Research Work of the Bureau of Agricultural Economics in Marketing Wheat as Related to Quality;" H. M. Bainer, director, Southwestern Wheat Improvement association, "Research as a Basis for a Wheat Improvement Program;" C. C. Cunningham, president, Kansas Crop Improvement association, "Why the Southwest Needs Improved Wheat Varieties;" C. M. Hardenbergh, president, Southwestern Milling company, Kansas City, Mo., "Some of the Millers' Problems and How an Enlarged Research Program May Help in Their Solution;" and Sam McDonald, vice-president, Continental Baking company, New York City, "The Importance of Quality in Hard Red Winter Wheat."

The visiting research specialists and grain men will lunch together at the college cafeteria at noon. At 1:30, with Dr. A. F. Woods, director of scientific work of the U. S. D. A. presiding, the five states represented at the conference will present their own research programs.

EXPLAIN RESEARCH PROGRAM

These five speakers will represent their states: Kansas, L. E. Call, director, Kansas agricultural experiment station; Nebraska, W. W. Burr, director, Nebraska agricultural experiment station; Texas, A. B. Conner, director, Texas agricultural experiment station, represented by Dr. P. C. Mangelsdorf; Oklahoma, C. E. Sanborn, acting director, Oklahoma Agricultural experiment station; Colorado, Prof. Alvin Kezer, chairman, division of agriculture, Colorado Agricultural college.

A dinner at the Wareham hotel is scheduled for 6:30, followed by talks over which J. C. Mohler, secretary of the state board of agriculture, will preside as toastmaster. Reports of committees will be heard at that time and it is possible that Senator Arthur Capper will be present to speak. Carl Williams, editor of the Oklahoma Farmer and Stockman, Oklahoma City, will also appear on the evening program.

ENDORSE CONFERENCE IDEA

Research men and others who have been invited to attend the conference have responded with a universal endorsement of the wheat research conference. A farm paper editor replied that such a meeting should be productive of much good. An Oklahoma miller declared that he wanted "to assure you that the millers of our state are vitally interested in this movement to improve the problems of the wheat growers in the southwest, as well as to devise ways and means for improving the quality of wheat."

A railroad agricultural agent en-

dorsed the conference because it is timely and important to the southern great plains area. The president of a farmers' organization replies, "I am very positive that there is a need for working out some kind of a program and feel that the matter should be considered seriously." Dozens of other similar endorsements of the conference idea have been received by President F. D. Farrell, who sent out the invitations to the conference.

EXPERIMENTAL CALVES ARE BOUGHT IN TEXAS

Station Ships in 150 Herefords for Feeding Tests—Will Determine Protein Supplement Needs

The animal husbandry department of the college received this week a consignment of 150 head of Hereford calves from the Matador Land and Cattle company of Matador, Tex. The calves averaged 320 pounds as they came off the car and are to be used in experimental work by the experiment station.

The need and kind of protein supplement in a steer's ration will be the basis of the experiments. The calves will be divided into 10 lots, seven of which will be full fed this winter. The other three lots will be wintered, grazed next summer, and full fed next fall.

The seven lots to be full fed will get corn silage, alfalfa hay, and shelled corn. In addition, lot No. 1 will get cottonseed meal, lot No. 2 will get linseed meal, lot No. 3 will get gluten meal, lot No. 4 will get cottonseed and linseed, lot No. 5 will get cottonseed and gluten, lot No. 6 will get linseed and gluten, and lot No. 7 will get cottonseed, linseed, and gluten.

The three lots that are to be wintered for future grazing, will be fed as follows: lot No. 1 will get silage, alfalfa, and cottonseed; lot No. 2 will get silage, alfalfa, cottonseed, and a limited amount of corn; and lot No. 3 will get alfalfa and a limited amount of corn.

POULTRY JUDGES COMPETE AT COLLEGE SATURDAY

Students Sponsor Contest Offering Cash Prizes of \$83

Students of the poultry department at the college have announced their annual judging contest to be held Saturday, November 3. Any student enrolled at K. S. A. C. will be eligible for the contest and those entering will be divided into junior and senior divisions according to their experience in judging poultry.

Cash prizes offered total \$83 and are supplemented with prizes of subscriptions to poultry magazines. The contestants will work in four groups at different times during the day and a short written quiz will be taken by all students for use in deciding tie scores.

VETERINARY SENIORS WEAR SWEATER COATS THIS YEAR

Long Used Canes Go Out of Style With "Doctors" for First Time

Seniors in veterinary medicine at Kansas State Agricultural college will wear sweaters this year instead of carrying canes as a means of distinction. The sweaters will bear a purple caduceus as the veterinary emblem. Canes have been carried by veterinary seniors since the establishment of the division of veterinary medicine at K. S. A. C.

RILEY COUNTY FARMERS BUY WISCONSIN DAIRY CATTLE

Will Ship in 60 Head of Purebred Heifers Next Week

J. C. Nesbit, extension dairyman of the college, and J. V. Nauwerth, president of the Riley county Holstein association, are in Wisconsin this week buying 60 head of dairy cows for Riley county farmers. The animals purchased will be chiefly purebred yearling heifers.

AMERICA CAN UTILIZE MORE CROP INDUSTRIES

SWINGLE SEES POSSIBILITIES IN PLANT CULTURE

United States Has Greatest Variety of Climatical Conditions but Doesn't Use Them—Research Affords An Ideal Career

Though the United States and its possessions have the largest array of climates in the world, they unfortunately have the smallest number of crop plants of any similar area in the world. This situation was pictured by Walter T. Swingle, '90, of the bureau of plant industry, United States department of agriculture, in an address Monday night before the Kansas State Agricultural college society of Sigma Xi.

WE IMPORT TOO MUCH

The United States, Swingle declared, is the greatest importer of plant products in the world. Its imports, including silk, amount to two thousand million dollars per year. Many of these products for which Americans now pay enormous sums could and should be grown at home Swingle thinks. At least five hundred million of these two thousand million dollars worth of imports could be easily and profitably produced in the United States and her possessions.

The testing out of new agricultural crops for this country and their ultimate establishment as practical products is largely the work of the bureau of plant industry. Prolonged scientific investigation precedes general distribution of new crops adapted to a given section of the country. This botanical investigation precedes investigation of an agronomic type.

RESEARCH EFFECTS SAVING

Thousands of crops grown in other parts of the world are tested out by the bureau of plant industry in an effort to find a few that can be profitably brought to America. It is as important to prove that a crop can not be grown with profit, Swingle said, as it is to prove that it can be grown profitably. Such demonstration saves farmers, land-owners, bankers, and the general public from inevitable losses.

Mr. Swingle declared that at least 10,000 useful plants should be tested in the United States. Of these 10,000 plants probably 1,000 could be grown profitably. Of the 1,000, 100 might likely become highly profitable industries. To find these 100 new and profitable industries it is necessary to test the 10,000 plants in a tentative way and learn which of the 1,000 are the most promising of the lot on a small commercial scale, before the 100 or so can become profitable as new and noncompetitive crop industries.

All of the experimental work done on such crops by the state agricultural experiment stations, botanical gardens, or other research bureaus should be carried on in close cooperation with the United States department of agriculture, Swingle said.

BEAUTY A BY-PRODUCT

"The cooperation of the intelligent farmer is also of vital importance in this work," the plant physiologist concluded. Some of the new industries will be of a type that will require high intelligence and long training and will provide an ideal career for the educated man or woman of the next generation.

"As a by-product of the work of introducing new and non-competitive crops there should naturally be the introduction of innumerable new flowers, fruits, nuts, shade trees, and the like that may not be of great commercial value, but which would serve to beautify farm sites and enable the farmer and his family to grow a wide variety of fruits and vegetables and to live amid beautiful surroundings."

Six More Foreign Students
The Orient, Philippine Islands, Mexico, and South America are rep-

resented at the Kansas State Agricultural college this semester, in addition to other foreign countries as given in a previous INDUSTRIALIST story. Yun Sun Kim, Shanghai, China, is enrolled as a special student. There are three students from the Philippines, Francisco Assis, a senior in civil and highway engineering; Flor Zapata, a senior in general science; and Francisco Taberner, a senior in veterinary medicine. Carl J. Martinez, a freshman in electrical engineering, is from Mexico, and Sierra De Soto, a freshman in industrial chemistry, is from Columbia South America.

SPUD PRODUCERS SEE HOPE IN ORGANIZATION

May Try to Set Minimum Price and Also Prevent Accumulation of Potatoes On Tracks

Undercutting of prices by competitive dealers and the accumulation of potatoes on railroad tracks in the Kaw valley are two major problems to be discussed fully at the eighth annual potato show and meeting in Manhattan tomorrow and Friday. For several weeks potato growers and dealers of the valley have been working out details for a cooperative marketing plan, with representatives of the Kansas State Agricultural college cooperating.

"The organization proposed by the potato growers is simple and proposes to remedy these two conditions confronting the Kaw valley producers," Dr. W. E. Grimes of the college, declared. "The conditions will be remedied by appointing a minimum price quotation committee and by establishing a clearing house association."

"Both of these functions have been satisfactorily performed by a growers' association on the eastern shore of Virginia, Maryland, and Delaware. The committee would determine the minimum price at which potatoes are to be sold on a particular day. This would tend to stabilize the market and prevent any dealer from quoting prices materially lower than the market justifies."

HELM PAINTING TO HANG IN EASTERN GALLERY

Philadelphia Water Color Exhibition Accepts Canvas Depicting Local Scene Well Known to Aggies

Kansas Aggies who have hiked through Sunset cemetery west of Manhattan, up the ridge, and down to the Wildcat spring on the other side may see a water color painting of that spring on display in Philadelphia next month if they attend the twenty-sixth annual Philadelphia Water Color exhibition.

A water color canvas depicting this favorite spot of Aggie hikers and given the name "A Spring" has been admitted to the Philadelphia exhibit. It is the work of John F. Helm of the department of architecture, whose work has been displayed in numerous exhibits in the country.

A group of Mr. Helm's paintings were shown recently during the meetings of the Fifth District Federated Women's clubs, and an exhibit is in Wichita at present for the Kansas Society of Architecture.

VICTOR HERBERT OPERA COMING THURSDAY NIGHT

'Naughty Marietta' Brings Chorus of Fifty

"Naughty Marietta" sometimes called Victor Herbert's best opera comique, was to be presented at the college auditorium Thursday night November 1, under the auspices of the Manhattan chapter of A. A. U. W. A chorus of 50 and a 10-piece orchestra were a part of the company. The production is the first of the year to be given under the auspices of the A. A. U. W. chapter. A capacity audience is predicted by Miss Osceola Hall Burr, publicity chairman.

MISSOURI TIGER NEXT FOE OF McMillin

WILDCATS SUFFER NO CASUALTIES IN SOONER GAME

Saturday is Open Date—Coaches Will Spend Time Trying to Get Offense and Defense Working Together

FOOTBALL SCHEDULE 1928	
Sept. 29—Bethany, 7; Aggies, 32.	
Oct. 6—Okla. A. & M., 6; Aggies, 13.	
Oct. 13—Hays Teachers, 7; Aggies, 22.	
Oct. 20—Kansas U., 7; Aggies, 0.	
Oct. 27—Oklahoma, 33; Aggies, 21.	
Nov. 10—Missouri U. at Manhattan	
Nov. 17—Iowa State at Ames	
Nov. 29—Nebraska at Lincoln	

Some day both the offense and defense of the Kansas Aggie football team are going to function together. When that much to be desired event happens it will be a sad, dreary day for the opposing eleven, but until and unless it does the onward path for the Wildcats appears about as smooth and inviting as the Manhattan-St. George road pending paving operations.

HOPES THEY'LL "MAKE UP"

Just now Coach Bo McMillin is building his plans for the Missouri game November 10 on the theory that his Wildcat line and backfield will make up and join forces to repel the Tigers. If he is correct the resultant combat should be historic. Missouri has never won from the Aggies by more than ten points, and up to the last three years Aggie victories were entirely too frequent for Tiger satisfaction.

This Saturday will see the Wildcats either engaged in an ordinary scrimmage or doing battle against the freshman eleven. The week of comparative rest before Missouri will be welcome, for Coaches McMillin, Maddox, and Root will have plenty of material for earnest conversation with their proteges.

If the Aggie team were really weak the situation would not be so disturbing to McMillin as it is at present.

Against Kansas, the offense did nothing worth any great mention, but the defense held like the well known Rock of Gibraltar, with the exception of that fatal last minute.

Oklahoma found the offense very, very much improved. Aggie passing was still obviously short of perfection, but the tosses of Weller and Platt to Towler, Evans, and Shay made the Sooners look a trifle foolish. The Aggies lost because the Wildcat line developed sieve-like propensities, and the backfield occasionally got its games mixed, and played tag with opposing runners instead of football.

AGGIES ARE HEALTHY

There were few Aggie casualties in the game. Alex Nigro, one of McMillin's most promising backfield men, got in for only a minute or so. He was suffering from injuries received in the K. U. game, but will be ready for Missouri.

Chiefly, the trouble with the Aggie team seems to be inexperience, which is to be overcome only by time and hard football lessons.

Bill Meissinger of Abilene did possibly the best all around work in the backfield. The passing of Weller and Platt was better than in the Kansas game, and both Platt and Lyon punted well. In the line there was little to recommend, with the possible exception of the work of Bokenkroger and Towler at ends, which was better than the not very high average.

Cow Testers Come to School

Fifteen cow testers representing as many cow testing associations of Kansas are attending a short course, sponsored by the dairy department at the college this week.

In a large degree, that freedom enjoyed by the press has placed it in a position of commanding influence.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT, Editor-in-Chief
C. E. ROGERS, Managing Editor
F. E. CHARLES, LILIAN HUGHES NEIS-
WANGER, R. I. THACKREY, Assoc. Editors
J. D. WALTERS, Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, OCTOBER 31, 1928

VOTE FETCHING SLOGANS

"Colonel Hallowell, one of the regents of the college, was nominated congressman," read an item in the "Fifty Years Ago" section of "In Older Days" in the Industrialist recently. And an alumnus of the college, John B. Brown, '87, writes, "I don't believe it was anything like 50 years ago, but Colonel 'Jeemes' Hallowell received an awful licking at the hands of Sockless Jerry Simpson." Mr. Brown supplies additional details of that extraordinary event:

"I was at Jerry's ratification meeting in Wichita when Jerry said, 'Prince Hal is a good fellow, a fine fellow, and I like him. It just wasn't a good year for princes.'

"It was in the days of Populism. 'Prince Hal' was a name given to Hallowell following his gallant charges as a young officer in the Civil war. The revival of the pet name during the congressional campaign was as unfortunate and ill-timed as were the words 'Rum, Romanism, and Rebellion' for James G. Blaine."

Fifty years evidently is a short span to allow for modifications in human nature, for today as in the rollicking period of "Prince Hal" and "Sockless Jerry," slogans are depended upon to fetch votes. There was the bogey of bolshevism that swept the English Labor party out of power only yesterday, and a little more than a decade ago Kansas surprised the nation in a presidential year because of a line pregnant with vote catching significance.

TWO SCOOPS, ONE SLIP

Lady Drummond Hay, the only woman on the Graf Zeppelin in its flight across the Atlantic, rode as the official correspondent of a Hearst newspaper. She was the only representative of the American press aboard. Hearst loves to "scoop" the rest of the newspaper world, a hang-over tendency from the old days of intensely competitive journalism.

This "scooping" tendency is not always advisable. Harold Horan, a Hearst reporter in Paris, was recently arrested by French officials, detained in a secret place, and questioned for seven hours as to how he obtained knowledge of the provisions of the Anglo-French naval pact before it was officially made public last summer. Hearst unsuccessfully pleaded with the president to intercede in Horan's behalf. Whether or not one of Wilson's principles of open diplomacy, the method of getting news by foul means as well as fair is no longer approved. After reading Horan's "confession," which he claims untrue and exhorted from him under pressure, the Association of American and British journalists expelled him from membership in the organization.

BOOKS

Socialism Explained Entertainingly

"The Intelligent Woman's Guide to Socialism and Capitalism" by Bernard Shaw. Brentano's. N. Y. \$3.

When one candidate of a conservative American political party is denouncing as "socialistic" the governmental policies of the candidate of another conservative American party, and the other is replying that if his

views are socialistic so are those of some of the denouncer's own party colleagues, it is high time that intelligent citizens know what socialism is, and what it is not. And since it is one's evident duty to be informed on this important subject, why be bored in the process? But Bernard Shaw, unlike many other socialistic writers, is never dull, and in this mellow volume written as he rounds 70, he remains true to his literary tradition.

With the book, which the author terms his last will and testament to humanity, Shaw declares he will get at the American men through the American women. He argues that there must be intelligent women in America since politically the men are such futile gossips that the United States could not possibly carry on unless there were some sort of practical intelligence back of them. "In America every male citizen is supposed to understand politics and economics and finance. He is ashamed to expose the depths of his ignorance. But he has no objection to my talking to his wife and if he should chance to overhear—!!!"

However confirmed a die-hard conservative or uncompromising radical, he would, should he overhear, most certainly be charmed by this affable Irishman, this educated British capitalist, who good naturedly undermines the structure of capitalism as he pieces together the edifice of socialism, all in the calmest, wittiest, and unemotional manner.

Just as simple as his definition of socialism—"dividing up; giving everybody the same"—is that of capital which he borrows from the British economist Stanley Jevons: "Capital is spare money." The sensible thing to do, say the socialists according to Shaw, is divide it up. As a matter of fact that is what modern states have already started doing in nationalizing certain services formerly held as private monopolies. The socialists of Shaw's school, the Fabians, would simply have this process continued until all productive and serviceable enterprises were nationalized. Then we should have socialism without revolutionary fuss. It would have come about so naturally and peacefully that the changed status itself would be accepted as a natural state.

Advantages apparently would be in affording greater leisure to all while relieving the wealthy of the boredom connected with the work of amusing themselves in the unproductive enterprise which constitutes their artificially contrived play. Considerable space is devoted to the evils of poverty, evils which unavoidably affect rich and poor alike, impossible in a socialized state. The chief incentive to work is not more money but more leisure, holds Shaw, and sets out to prove it by showing that people prefer working harder for shorter hours, therefore more leisure, than for more pay.

It is all Shaw's book, written entirely out of his own head, he says. So one is not much surprised to see a unique book; for what that is Shavian is not unique? There are a foreword for American readers, a table of contents with each chapter summarized, 84 chapters, an appendix "instead of a bibliography," and an index which, unique in itself, really enables a reader to find topical references.

Shaw characterizes his socialism as "intelligent," contrasting it with Marx's "emotional" socialism. He grants that socialism as a workable principle is possible only in a nation where a high state of civilization exists, but he declares it to be the one recourse of a decaying civilization under capitalist rule. Having explained to the intelligent Woman (he always addresses her "up style"), what socialism and capitalism are he issues a warning: "I shall not advise you to discuss these matters with your friends. They would listen in distressed silence and then tell the neighborhood that you are what they imagine a Bolshevik to be."

—C. E. Rogers.

"A SOUND VIEW OF SPORTS"

At a pre-football dinner last week at the Kansas State Agricultural college the football coach, "Bo" McMillin, former All-American star on the famous Centre college team, in a rousing talk expressed a sound view of sports in college life. If it does

not perform a part in the general educational program, then, he declared, it has no place in the college. "I told my freshman candidates for football," said McMillin, "that if they were here with any other purpose than study and culture of their mind and character, if any of them had the notion that football was more important than study, then we didn't want them and we asked them to go somewhere else."

This is certainly not the universal view of alumni as to the place of football in the colleges, but it is a well timed rebuke to outside influences that press upon the colleges for football victories at any cost. —From the Topeka Daily Capital.

lege and made arrangements to send his son and daughter, Fred and Floy, to school. The senator said that without a doubt the college was the best school in Kansas or the west.

D. H. Otis of the dairy department spent most of three weeks in Jefferson county investigating the creamery industry from the patron's standpoint. The central plant and three skimming stations of the Meriden Creamery company were also visited and information collected from patrons.

FORTY YEARS AGO

Phoebe Rathbun, former student in printing at the college, and Mary

Blessings of a Technical Age

Emily Ludwig in the New York Times Magazine

It has been said that there is no more magic in the world—yet, in the days of witches and monarchs, of knights and imps, was there ever so great a sorcerer as he who, standing today in a little padded room in front of a round disk, speaks as the spirit moves him, aware that the hearts of 5,000,000 hearers, whom he neither sees nor knows, will be moved, thanks to atmospheric waves, to whatever extent his words are capable of moving them? Which one among the most powerful of the priests of some priestly order of yesteryear, which pope, which emperor, ever wielded a more uncanny power of convincing the rest of mankind than any one of us who may step up to this little round disk? What book in all history was ever printed in so many copies? What sermon, what assembly, even in ancient times, ever brought together such an army of listeners? * * *

How stupid it is for so-called intellectuals to react hautilly against the materialism underlying such thoughts! Has a single poem, picture, opera, or system been created in recent years which can be compared in importance with the fact that, when a ship is in distress at sea, it can now appeal for aid to every skipper within a thousand miles and thus make rescue probable? * * *

What matter if a few hundred victims of over-refinement seek, by means of wax candles, to have a few light effects which electric lamps do not give to resuscitate thereby the magic of a vanished world—vanished it is, nevertheless. When Edison, the father of the American nation, the greatest living benefactor of mankind, snatched up the spark of Prometheus in his little pear-shaped glass bulb, it meant that fire had been discovered for the second time, that mankind had been delivered once again from the curse of night!

Like great torchlight processions, the blessings of the technical age stream down upon mankind. And, even though there still be intellectuals whose aristocratic pose requires them to despise the way in which everything good and useful is showered on all alike, it is probable that their decadent grandsons will feel their way through the crowded streets of the world's capitals, bell in hand, eyes blindfolded, led by a little naked negro boy bearing a placard inscribed:

"Make way for the last of the idealists!"

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Inez E. Kent, '17, installed a department of home economics in the high school at Lyman, Wyo.

All students' army training corps men at the age of 20 or more were required to take a course in sanitation and hygiene.

Carl E. Rice, '97, visited his sister, Ada Rice, '95, at their home here. He was living in Manila, P. I., where he was in business.

TWENTY YEARS AGO

Grover Kahl, '07, and Anna Toothaker, f. s., were married at the home of the bride near Westmoreland.

The college office of the Students' Herald was moved into the basement of Anderson hall. The paper was printed in the Manhattan Nationalist printing plant.

The department of entomology and zoology of the college was giving regular instruction in elementary zoology to 182 students, teaching elementary geology to a class of 37, and systematic entomology to four special students.

THIRTY YEARS AGO

The college dining hall served breakfast and supper, as well as dinner. The average number of meals served was 200.

Senator Caldwell visited the col-

Abarr, commenced the publication of the monthly magazine, the Printer Girl.

Officers of the Scientific club of the college were Prof. I. D. Graham, A. A. Mills, Hattie Gale, S. C. Mason, W. T. Swingle, J. T. Willard, and Professor Olin.

The Reverend T. Y. Gardener of Elyria, Ohio, led the chapel exercises. He visited the college in company with the Reverend D. C. Milner. Mr. Gardener was the western secretary of the American Educational society.

FIFTY YEARS AGO

Photographs of the college were taken from the top of Professor Gale's house.

S. A. Hayes, formerly of Michigan, was employed to take charge of the blacksmith shop. A large class was organized in blacksmithing.

A subject for debate at a Webster society meeting was, "Resolved, that the United States Should Repudiate the War Debt." Speakers for the affirmative were Mr. Salter and Mr. Hulett, and for the negative, Mr. Todd and Mr. Morrow.

The following items appeared in THE KANSAS INDUSTRIALIST of fifty years ago: "Michigan university has graduated four female lawyers, six female doctors, five female editors, and not a single female cook or housewife. The next generation will howl over missing shirt buttons."

COLOR NOTES

Charles Warton Stork, in Lippincott's Magazine

The brown of fallen leaves,
The duller brown
Of withered moss,
Stubble and bearded sheaves,
And pale light filtering down
The fields across.

The gray of slender trees,
The softer gray
Of melting skies.
What sobering ecstasies
One drinks on such a day
With chastened eyes!

SUNFLOWERS

H. W. D.

APPRECIATION

If the human mind could comprehend the whole of a presidential election, it would be possible to know America. One might even dare prophesy the future of our blessed, adolescent democracy, tearing its way into the national youngmanhood.

It is during a presidential campaign that politicians, whose business it is to study and to know the contemporary human animal, do their stuff.

They stake their all—until the next election, of course—upon a program of appeal to sanction, prejudice, fancy, whim, and delusion. Occasionally they try an appeal to reason, but not often. They are a bit too canny to lay much emphasis on an element so strange and new in herd behavior.

The politician, confessedly less learned than savants and scientists, is yet shrewder than they. He does not know why we behave as human beings, but he does know how we, as human beings, behave. During the past decade wise men, who write books with all-inclusive titles and sell them for much more than they are really worth, have dug bravely into human nature, exploring therein relentlessly and without propriety. They have done their very best to tell us what we are and make us like it. And they have gone far.

But the politician has read none of their high-priced tomes. He has been too busy finding out for himself by hitting and missing, and fumbling and succeeding. And now we find him taking his turn at bat, his cleats sunk in the earth, his bludgeon gripped for a home-run blow, and his mind keenly alert to guess at the curves and the jumps that the ball is going to take.

He doesn't know a thing about ductless glands or hormones or inferiority complexes or grandeur delusions or the origin of myths or the chemistry of thinking or the outline of anything.

He knows that people who vote are inclined to want more for themselves than they do for their fellowmen. He knows that if they have wealth, they want wealth protected and conserved. He knows that if they have no wealth, they want wealth redistributed. He knows they are afraid of the new and the foreign and the unknown. He knows what they cling to and what they flee from. He knows they like to be lured with promises they can forget. He knows he will not have to figure on a day of reckoning if he is careful to keep in stock new promises and more attractive lures.

If there were such a thing as the politician perfect, he would be the incarnation of all human frailties, and human whimsicalities, properly proportioned and scientifically assembled. He would be human selfishness disguised as the most popular contemporary virtue. It is grossly unfair to bemean the political and it is the height of idiocy not to respect his wisdom and his power. He is the manipulator of the body politic, which is striving to get by hook or crook what it most wants and running utterly bewildered from what it most fears.

So if it were possible to grasp all of both sides of a presidential campaign, it would not be necessary to wonder about what direction America is taking—for the time being.

The best doctors in the world are Doctor Diet, Doctor Quiet, and Doctor Merryman. —Swift.

AMONG THE ALUMNI

F. D. Wilson, '28, is located at Wheaton. He recently moved from Jennings.

Arlene Finch, '28, is teaching science in the high school at Russellville, Mo.

Alice T. Harkness, '19, is teaching in the State Normal school at Dickinson, N. D.

Florence (Fryhofer) Webster, '95, has located at 5327 College avenue, Oakland, Cal.

Grace (Parker) Perry, '80, has located for the winter at 11 E. 74 street, Portland, Ore.

Rose (Straka) Fowler, '18, asks that her INDUSTRIALIST be changed to 551 North Pine avenue, Chicago.

Ella Hathaway, '10, is teaching clothing and textiles in Vancouver, British Columbia. Her address is 1348 Robson street.

John F. Grady, '20, resident engineer for Labette county, stopped at the college last week on his way home from a meeting of engineers in Abilene.

E. F. Hubbard, '28, is an assistant in the dairy division at the University of Minnesota and taking work toward his master's degree. His address is University farm, St. Paul.

Carle Libbey, '18, and Dorothy (Norris) Libbey, '18, and daughter, Shirley Jeanne, have returned from an extended trip through the east and Canada. Their home is in Glen Elder.

W. T. Foreman, '20, is installing the Western Electric Sound Projection system in motion picture houses through the middle west. His headquarters are in Chicago where Mrs. Foreman and William Thornton, jr., are living.

Charles Swingle, '20, senior plant physiologist in charge of date investigation in the bureau of plant industry for the United States department of agriculture, visited the campus recently and addressed several student groups. He spent the past year in research work in Europe for the department of agriculture.

MARRIAGES

ANDERSON—NICHOLS

The marriage of Elizabeth Anderson, f. s., to Don Nichols of Emporia, took place at the home of the bride's parents in Topeka September 2.

HOKE—PUMPHREY

The marriage of Edna Hoke, '21, of Manhattan to Clarence Pumphrey, took place September 22. Mr. and Mrs. Pumphrey are at home in Topeka, where Mr. Pumphrey holds a position with the Union Pacific railroad.

YOUNG—FINNEY

Mr. and Mrs. Lem Young of Topeka announce the marriage of their daughter, O'Reta, to R. Dale Finney, '28, at their home October 25. Mr. and Mrs. Finney are at home in Kansas City where Mr. Finney is in charge of the branch road materials laboratory of the state highway commission.

WALTERS—THOMPSON

The marriage of Helen Louise Walters, f. s., to Roy E. Thompson of Southard, Okla., took place in Okene, Okla., September 2. Mr. and Mrs. Thompson are at home in Southard where Mr. Thompson is engaged in business. Mrs. Thompson is completing work for her degree at the University of Oklahoma.

McFARLAND—ANSLEY

The marriage of Katherine McFarland, '18, to Gene Clinton Ansley of St. Paul, Minn., took place at the home of the bride's mother in Topeka October 10. Mr. and Mrs. Ansley are at home at 1781 Stanford avenue, St. Paul, Minn. Before her marriage Mrs. Ansley was an instructor in economics at Minnesota university.

PELTON—DOUGLAS

Mr. and Mrs. A. F. Pelton of Robinson announce the marriage of their daughter, Christina, '28, to Muriel

Douglas, Baker university, in St. Joseph, Mo., August 30. Mr. and Mrs. Douglas are living at 805 N. Nineteenth street, Fort Smith, Ark., where Mr. Douglas is director of physical education in the Fort Smith schools.

BIRTHS

Homer Cross, '19, and Velma (Carson) Cross, f. s., of 4314 Main avenue, Douglaston, Long Island, N. Y., send the following announcement to the alumni office:

Homer and Velma, Carson and Cross, Have them a baby to bully and boss, To love and to cherish, to feed and to dry, Though at it we perish, we're going to try! Columbus and Cynthia—kindly relate—Discovered America on the same date.

AGGIE ALUMNI MAKE PLANS FOR REUNIONS

Get-together Suppers Being Arranged in Topeka, Ft. Scott, Hutchinson, and Hays

Arrangements for a Kansas Aggie reunion dinner during the Kansas State Teachers' meeting in Topeka November 8 have been made by J. M. Ryan, president of the Topeka association. The dinner will be Thursday evening in the roof garden of the Jayhawk hotel. Tickets will be on sale in a prominent place near the meetings or reservations may be made by calling Mr. Ryan at 712 Lincoln avenue. A representative from the college will be one of the speakers of the evening.

Arrangements for reunions in the three other places of meeting for the teachers have not been completed. At Fort Scott, T. F. Yost, county agent, and L. R. Hiatt, principal of the junior high school, are in charge of arrangements and particulars may be learned from either Mr. Yost or Mr. Hiatt.

At Hays L. C. Aicher, superintendent of the experiment station, or Elizabeth Agnew, dean of women at the Teachers' college, can furnish details of the reunion dinner planned for the visitors at Hays.

Plans for a reunion in Hutchinson are being made by R. W. McCall, 306 North Fourteenth, and Harold English, room 4 Nelson building. Mr. English is president of the Hutchinson Alumni association.

Anyone planning to be in Topeka, Ft. Scott, Hays, or Hutchinson, should plan to attend the reunion dinner. In most instances the dinner will be Thursday evening, in a convenient location and with a program of interest to all Aggies.

LOANS FROM ALUMNI FUND TOTAL MORE THAN \$16,000

Amount Available Has Been Increasing at Rate of \$4,000 a Year—No Losses Reported

More than \$16,000 is out in loans from the K. S. A. C. alumni loan fund this year, according to Dr. W. E. Grimes, chairman of the loan fund administrative committee.

Not a cent has been lost from the fund since it was first created. It was started on its present basis about four years ago, although a small fund was in existence prior to that time. Growth of the fund has been rapid, amounting to about \$4,000 a year.

Interest at the rate of six per cent per year is charged on the loan and the proceeds used for the upkeep of the alumni office. The loan fund is increased for the most part by life membership subscriptions in the alumni association. A payment of \$50 is necessary for a life membership and relieves the alumnus of paying further dues to the association. Interest on the \$50 amounts to \$3 a year, which is the annual alumni association dues for those not life members.

A committee of five is appointed by the directors of the alumni association to administer the fund. In general, the committee gives preference to juniors and seniors, and also to loans of small amounts on short time over those of larger amounts which can not be paid for several years.

The following are members of the loan fund committee: Dr. W. E. Grimes, chairman; Prof. Albert Dickens, Miss Margaret Ahlborn, Prof. L. M. Jorgenson, and Prof. C. M. Correll.

OUR OWN FOLKS

The life long quest of Mark Alfred Carleton, class of '87, to find a wheat to grow on the western prairies and to immunize that wheat from rust, is the subject of part I of Paul de Kruif's latest book, "Hunger Fighters."

After Alfred Carleton received his bachelor of science degree from K. S. A. C. in 1887, he held a professorship in Wichita university, worked for the agricultural experiment station at Manhattan, and finally received a government position directing studies of wheat.

"Hunger Fighters," the book chosen by the Book of the Month club for October, is the story of a few forgotten men, who were courageous, stubborn, and soil loving enough to brave the hardships of the early days to work for posterity, rather than themselves. It is the story of the men who gambled their hopes, lives, and fortunes in order that America might today have agricultural products to feed her millions.

Part one, the Wheat Dreamer, gives the story of Carleton, who spent more than 35 years in wheat hunting, during which time he was a Russian scholar, a teacher, a preacher, and a government man.

After many years—spent in Washington, D. C.—and a trip to Russia, where he sought to find a type of wheat suitable to the plains, Carleton returned to Kansas and experimented with wheat growing on the farm of Stimmel, near Salina. Kubanka, the famed Russian wheat, became adapted to Kansas soil and Carleton felt that he had achieved success. However, the dreaded rusts—black stem and red—soon took away the joy of discovery.

Carleton experimented until he was finally successful in eradicating these rusts, and thus, the reader finds set forth in "Hunger Fighters" the story of a man who gave his life to help mankind.

Other parts of the book deals with the Wheat Finder, the Maize Finder, the Maize Breeder, the Sun Trapper—life stories of men whose aim was to help agriculture.

Mark Alfred Carleton died in Peru, South America, July 17, 1925.

AX WILL FALL ON TREES OF KANSAS AGGIE CAMPUS

Long Delayed Process of Thinning Out Will Now Take Place

Prof. L. R. Quinlan of the horticulture department has served notice that some large trees along the east and south sides of the Kansas State Agricultural college campus are to be cut down. When the trees were planted they were planted thick with the intention of thinning them out later.

As the trees have grown the thinning out process has been somewhat neglected. Rapidly growing trees will be removed to make room for slower growing ones, and long-life trees such as oaks and elms. The principal trees to come under the woodman's ax will be cottonwoods, soft maples, and a few borer infested elms.

FACULTY MEN ASSIST IN MANAGEMENT OF ROYAL

Animal Husbandry Staff Members Will Judge at Kansas City Show

Prof. H. E. Reed and Prof. C. E. Aubel of the animal husbandry department of the college have been named to judge livestock at the American Royal Livestock and Horse show in Kansas City next month. Professor Reed will judge Hampshire hogs and Southdown sheep. Professor Aubel will place the ribbons on Chester White hogs.

Prof. C. W. McCampbell is one of the directors of the American Royal and has charge of the horse department. Prof. B. M. Anderson, who is in charge of cattle feeding experiments at the college, will manage the baby beef show and sale.

She Went Through Hurricane

Alice E. Miller, '27, sends a payment on her life membership pledge from San Juan, Porto Rico, where she is a dietitian in the Presbyterian hospital. In speaking of the recent

hurricane she writes that though the damage and suffering was enormous many far sighted persons believe that a new Porto Rico with modern substantial buildings and modern machinery for agriculture and industry will arise as the island is rebuilt.

BEWARE HERBAE-MIRA, IS ZAHNLEY'S WARNING

Widely Advertised Lawn Grass Has No Miraculous Quality—Contains Common Field Seeds

Kansas people should beware of a widely advertised lawn grass which has been sold under the name of Herbae-Mira, Prof. J. W. Zahnley of the agronomy department of the college said in a recent statement. Herbae-Mira means miracle grass, but according to Professor Zahnley there is no miracle about it. It is simply a mixture of some of the most common grasses.

Several samples of this grass have been analyzed in the seed laboratory maintained by the state board of agriculture at the college and all are similar in composition. One sample contained the following grasses: timothy 15 per cent, meadow fescue 50 per cent, rye grasses 20 per cent, red top 10 per cent and weed seed and dirt 5 per cent. Such a mixture of grass seed can be bought for 15 to 25 cents per pound, according to Professor Zahnley, but Herbae-Mira has been sold as high as \$1.50 per pound.

The grasses contained in the mixture start quickly and look well at first, but they will not make a fine turf and stand up under close mowing, which is required of lawn grass. The federal seed laboratory at Washington, D. C., informed Professor Zahnley that the United States post office department has issued orders to stop advertisement of Herbae-Mira through the mail. The result of such orders was that the company distributing the seed changed its name and moved to another location. Those selling the lawn mixture have been operating in Kansas under the names, Wilshire Lawn Improvement company, Zeneth Lawn Accessory company, and the Forrest Lawn Improvement company.

FLORISTS ARRIVE FOR FIRST ANNUAL SCHOOL

Sixty-Six Attend Three Day Short Course Arranged by State Group Secretary

Sixty-six commercial florists of Kansas and nearby states enrolled for the three day florists' short course held at the college this week, under the supervision of Prof. W. B. Balch, secretary of the Kansas Florists' association. The short course was arranged by the secretary at the request of members of the association.

The plan for the three day meet, which includes two programs daily on Tuesday, Wednesday, and Thursday, is as follows: a school of instruction in the making of floral designs, and talks and demonstrations to be made by Guy Wood, a graduate of K. S. A. C. and designer for the Muehlebach Flower shop, Kansas City, Mo., and by Ed J. Barnes of the W. J. Barnes Floral company, Kansas City. The raising of carnations is to be discussed by Fred Hockenberry of the C. P. Mueller Floral company, Wichita. The growing of potted plants is to be discussed today by James B. Masson, commercial greenhouse merchant of Bethel, Kan.

Mr. Masson has proved that cyclamen and calceolaria can be grown successfully in Kansas contrary to a belief of long standing. He has done other valuable experimental work with potted plants.

An analysis of fertilizers was made by Walter Latshaw, chemist of the Kansas state board of agriculture. Other subjects discussed and the speakers were: flowers as a daily food, Albert Dickens, head of the department of horticulture; the Kansas agricultural experiment station, L. E. Call, director; soil treatment with insecticides, J. W. McColloch, department of entomology; fuels for greenhouses, J. P. Calderwood, department of mechanical engineering; and advertising for florists by H. W. Davis, head of the department of English.

RECENT HAPPENINGS ON THE HILL

A total of 180 men and 58 women were to try out for the college rifle teams.

Committees have been named for Frivol, annual dance and entertainment sponsored by W. A. A.

Aggie Pop will be presented the nights of December 7 and 8. Miss Osceola Hall Burr has been chosen as director.

A Russian Symphonic choir, under the direction of Basi Kilbalchic, will appear at the college auditorium the night of November 24.

Alpha Rho Chi won the Homecoming house decoration cup. Beta Theta Pi and Phi Delta Theta received honorable mention.

Manuscripts for consideration by the Quill club membership committee will be accepted up to November 5, according to Prof. R. W. Conover, of the committee.

Phi Kappa Tau, Beta Theta Pi, and Delta Tau Delta were leaders in their respective divisions after three weeks of play in the intramural soccer tournament.

"The Political Situation from the Viewpoint of the Economist" was the topic discussed by Dr. John Ise of the University of Kansas, at a recent student forum.

Arrangements have been made for all college students to vote by mail in the general elections November 6. A polling place and ballots have been provided at Harrison hall.

The college first band, under the direction of Myron E. Russell, took over last week's chapel program. The program was the first to be broadcast over radio since the auditorium was connected with Station KSAC.

More than \$15,000 had been reported in the stadium fund drive Monday, according to Prof. J. V. Cortelyou, chairman of the stadium corporation. Three fraternities and one sorority had a "hundred per cent" subscription report.

Addition of a "K. S. A. C. section" has been announced by the American Chemical society. Dr. J. S. Hughes is chairman of the new local branch, which includes members in Riley, Washington, Marshall, Pottawatomie, Geary, and Dickinson counties.

Tickets are being sold this week by the Christian associations and the Cosmopolitan club for a benefit program to be given by the club for Kiril Pop Nickoloff, Bulgarian student who has been ill with tuberculosis at the college hospital. The money will be used to send Nickoloff to the state sanitarium at Norton, and care for his family.

RUSSIAN PLANT BREEDER SENDS UNUSUAL REPORT

Finds Protein Content of Hard Winter Wheat Varies Nearly 4 Per Cent

John H. Parker, professor of crop improvement at the Kansas State Agricultural college, recently received a report from Prof. V. V. Talanov of Russia showing that winter wheat grown in the Trans-Volga region has an average protein content of almost 17 per cent. The same variety of winter wheat grown in the northern Caucasus has about 13 per cent protein.

This discovery by the Russian plant breeder is of interest to agronomists because it is not usual for a given variety of wheat to vary more than 2 to 2.5 per cent in different seasons, according to Professor Parker. The fluctuations of the protein content in a variety due to climatic and soil conditions are considerably less in winter wheat than in spring wheat, according to Professor Talanov.

The Russian plant breeder, in company with his daughter, were visitors at the college last spring.

'BARGAIN DAY' BATTLE WON BY SOONERS 33-21

AGGIES LAG IN LAST QUARTER OF FREE SCORING RACE

**McMillin Men Score First and Last But
Not Enough in Between—Neither
Team Able to Stop
Forward Passes**
(By H. W. DAVIS)

Saturday last was bargain day down at Norman, Oklahoma. The cash customers at the Sooner-Kansas Aggie football game were provided with ten or twelve dollars' worth of gridiron sport for the customary price of admission. Touchdowns got to be mere details before the pastime closed and a few minutes after the one-year armistice called by the timekeeper the experts in the press box announced that the score was 33 to 21 with the Sooners on the long end.

The Aggie Wildcats were lacking mainly in judgment. They should not have allowed themselves to score until a minute or so before the close of the last quarter. For every time the Aggies took to the air and sailed over the Oklahoma goal line, the Sooners got mad and made two or three touchdowns without allowing the Kansas boys to so much as fondle the ball. Our judgment in this little matter is substantiated by the fact the last aerial attack of the Wildcats, made while the timekeeper was fumbling for the trigger, did not allow the Sooners time to retaliate with interest.

SCORE IN FIRST FIVE MINUTES

"Bo" McMillin's boys won the toss and chose to receive the kickoff. An aerial charge featuring Weller and Shay, put the pigskin over the Oklahoma goal line in less than five minutes. The extra point was made by offside play on the part of Oklahoma. Then Oklahoma chose to receive the kickoff. Kitchell returned Tackwell's pedal offering 20 yards. His backfield accomplices made three first downs on line plays. Then he passed 15 yards to Haskins, who went over from the 5-yard line for a touchdown and added an extra point with his toe.

Not at all pleased even with a tied score, the Sooners within another five minutes took a punt on their own 24-yard line and tore straight to the lair of the Wildcat for another marker and the one-point trimming.

The second quarter was scoreless, but at the beginning of the second half the Aggies again got careless and put over another aerial touchdown. And the Sooners again got vexed and worked the ball to the one-yard line in preparation for their first marker in the fourth quarter. Then the Wildcats, with the odds against them, took to passing in their own territory and Mr. "Bus" Haskins intercepted one of Weller's seventy-fives for a touchdown. Next Drake returned a kick to the Aggie 30-yard line, Kitchell passed to Churchill for six yards and then to Haskins for the remaining 24. With that the Sooners decided to call it an afternoon.

WILDCATS KEEP TRYING

But the Wildcats did not quit. Even after all the spanking they had got for crossing the home team's goal line, they opened up again by way of the air. Platt passed 40 yards to Evans, Oklahoma was penalized 15 yards, Meissinger made 5 through the line, and Platt passed 15 yards to Evans, who added the remaining 7 with his feet. For that bit of insolence the Sooners did not have time to retaliate.

Seen through Western Union wires, the game looked to be about 90 per cent offense. Neither team seemed to be able to stop air raids and the Aggies were for the most part helpless before the onslaught of the Sooner forward wall. The gridgraph party at the Wareham got thrills aplenty and more than enough bewilderment, but much comfort they took from the unceasing, waspish determination of the Aggies.

Here are the sad statistics:

Oklahoma 33	Kansas Aggies 21
Hamilton (C)	LE..... Towler
C. Berry	LT..... Lyon
Orr	LG..... Bauman
Fields	C..... Pearson (C)
H. Berry	RG..... Tackwell
Gentry	RT..... Freeman
Churchill	RE..... Bokenkroger
Kitchell	Q..... Limes
Haskins	LB..... Weller
Crider	RB..... Meissinger
Mills	FB..... Shay
Officials—Referee, Leslie Edmonds,	

Ottawa; umpire, Pogue Lewis, Washington; head linesman, Earl Jones, Arkansas; field judge, W. N. Rider, Missouri.

The score by periods:

Oklahoma	14	0	0	19	—33
Kansas Aggies	7	0	7	7	—21

Scoring: Oklahoma touchdowns—Haskins 3, Mills, Drake; Kansas Aggies—Shay, Towler, Evans.
First downs—Oklahoma 14, Kansas Aggies 6.
Yards gain from scrimmage—Oklahoma 300, Kansas Aggies 76.
First downs from penalties—Oklahoma 2, Kansas Aggies 3.
Punts: Oklahoma—Haskins 3 for 105 yards, average 35 yards; Mills 2 for 91 yards, average 46 yards; Lyon 8 for 264 yards, average 34 yards. Punts returned—Oklahoma 8 for 108 yards, Aggies 2 for 2 yards.

Forward passes—Oklahoma completed 6 for 99 yards, one incomplete; Kansas Aggies completed 8 for 168 yards, 10 incomplete. Passes intercepted by Oklahoma 2, by Kansas Aggies 1.

Kickoffs: Oklahoma—Churchill 6 for 313 yards, average 52 yards; Haskins 1 for 55 yards. Kansas Aggies—Tackwell 3 for 122 yards, average 40 yards.
Kickoffs returned—Oklahoma 2 for 49 yards, Kansas Aggies 6 for 95 yards.
Penalties—Oklahoma 11 for 105 yards, Kansas Aggies 6 for 30 yards.
Fumbles recovered—Oklahoma 1, Kansas Aggies 3. Time out—for Oklahoma 5, for Kansas Aggies 5.

Substitutions—Oklahoma, Muldrow for Orr, Phillips for H. Berry, Marsh for Phillips, Drake for Haskins, Shearer for Fields, Lee for Gentry, Drake for Mills, Taylor for C. Berry, Nelson for Orr, Flint for Crider, Singleton for Churchill, Mayhew for Kitchell, Muldrow for H. Berry. Kansas Aggies—Platt for Limes, Swartz for Shay, McBurney for Tackwell, Evans for Bauman, Yeager for Platt, Telford for Freeman, Meyers for Yeager, Anderson for Meyers, Tackwell for Meyers, Bauman for Yeager, Limes for Shay, Platt for Limes, Boyd for Weller, Daniel for Bokenkroger, Freeman for Telford, Knorr for Towler, McBurney for Tackwell, Anderson for Boyd, Nigro for Daniels, Smerchek for Nigro, Sanders for Pearson, Barre for McBurney.

Dailey Edits House Organ

Alan Dailey, '25, extension editor of the South Dakota Agricultural college, has started a house organ which he calls, "Here's How." It brings agriculture and journalism closer together by telling the success of county agents, home demonstration agents, and other agricultural workers and the way in which they get their news stories. Dailey came to the South Dakota college last June from Idaho university where he was in similar work.

PROGRESS OF KANSAS PRESS

F. E. C.

A brief record of the newspaper careers of each of the superior editors recently honored at the college should be interesting to fellow newspaper persons. All have been in the newspaper profession virtually all their lives, with the exception of J. P. Ruppenthal, who is first a banker and secondly, a farm columnist. But he has corresponded to papers for 35 years. In the following paragraph sketches E. E. Kelley and The Kelleys who edit the Garden City Herald, winner on typographical appearance, are described together.

Henry J. Allen became editor of the Manhattan Nationalist in 1894 and later bought the Ottawa Herald. In 1907 he bought the Wichita Beacon which he owned until July, 1928. His career has been intermingled with public office, once as governor of Kansas.

George W. Marble has been associated with the Fort Scott Tribune since 1885, when he became an apprentice on that paper. In 1894 he became a reporter and by 1900 was majority stockholder of the Tribune. His most outstanding work has been in promoting the development of agriculture in his community.

J. P. Ruppenthal, though a banker, writes farm notes for the Russell Record each week. For 35 years he has corresponded to local papers in one way or another.

Leslie E. Wallace, in a long newspaper career, has worked at various times for the Louisburg Herald, Paola Times, Topeka Daily Capital, Leavenworth Times, Topeka State Journal, Iola Register, and the Kansas City Star. He is now sole owner of the Larned Tiller and Toiler, and publisher of the Harp, national poetry magazine.

Tom Thompson has owned the Howard Courant since 1881, though he worked on the Elk Falls Signal and the Howard County Ledger. Few Kansas editors are quoted more often than Tom Thompson or Mrs. Tom Thompson, who contributes regularly to the Courant.

Frank Motz attended Kansas university, worked for the Kansas City

TEACHERS WILL HEAR SCHOOL SUGGESTIONS

NEEDS WILL BE PRESENTED NEXT WEEK

**Kansas Council of Women to Make
Recommendations Following Study
of Educational Conditions—Enu-
merate Faults of Present System**

The Kansas Council of Women of which Mrs. Mary Pierce Van Zile, dean of women at the college, is a member, will recommend plans for improvement of Kansas schools at the four district meetings of Kansas teachers next week. In a study of educational problems in Kansas the committee on education, of which Dean Van Zile is a member, discovered the following facts:

Nearly half of the pupils in elementary grades are enrolled in one teacher schools, or in very small graded schools in which conditions are not much superior to those in one teacher schools.

SALARIES ARE TOO LOW

The average salary of the rural school teacher is \$90 per month, or less than that of barbers, nurses, and stenographers.

The teacher's tenure of employment is usually only one year in a district, so that no constructive program can be put into effect.

A typical school has less than 20 pupils, has eight grades of instruction with 35 daily class periods, and five hours a day of actual instruction time. A pupil gets on the average four or five periods of six minutes each daily instruction in such a school.

Library facilities and other equipment are meager.

The cost of these schools is out of all proportion to the results obtained.

The county superintendent has more schools than she can supervise efficiently.

The tenure of office of the state superintendent is so short that no

plan for a constructive program can be made and carried through.

In brief the recommendations of the council are:

To make legal the use of school funds for transporting part or all of the pupils in a district to another district.

To amend the constitution so as to permit the legislature to make the office of state superintendent appointive and also the office of county superintendent in any county where the people may desire.

LET NEW POWER HOUSE AND LIBRARY EQUIPMENT

**College Committee Reports Closing of
Contracts in Topeka—Reading
Room Gets Tables**

Contracts amounting to more than \$22,000 for additional equipment for the new power plant now nearing completion at the college have been let, according to a report made by a committee of K. S. A. C. faculty members composed of Miss Grace Derby, assistant librarian, Dean R. A. Seaton of the division of engineering, Prof. J. P. Calderwood, head of the mechanical engineering department, and Supt. G. R. Pauling of the building and repair department, who have been in Topeka this week awarding the contracts.

The largest item was the contract for a four drum steam boiler which was let to the Babcock and Wilcox company on a bid of \$9,770. The contract for the high and low tension switch board at a cost of \$3,900 was let to Westinghouse Electrical Manufacturing company. Contracts on valves and fittings totaling \$8,948.77 were awarded to various companies.

In addition to these contracts for the power plant, a contract for 18 linoleum top tables for the basement of the reading room of the new library was let to the Peabody School Supply company of Topeka at a total cost of \$1,968.40.

HEBERER CHOOSES CAST OF 'ARMS AND THE MAN'

**Manhattan Theater to Present Shaw
Comedy for Parents' Day,
November 10**

A cast for "Arms and the Man" second offering of the Manhattan theater this season was announced last week by H. Miles Heberer, coach of dramatics. George Bernard Shaw's comedy will be presented on Parents' Day, November 10, and was chosen because it seemed appropriate to commemorate the tenth anniversary of the World war armistice. It is a satire in which Shaw shows that the uniform does not make the soldier.

A feature of the production will be the use of music from the operetta, "The Chocolate Soldier," which was taken from "Arms and the Man."

Arrangements have been made so that students holding season tickets may change their seats in order to sit with their parents.

The cast of the production is as follows: Raina, Martha Baird Kipper, Manhattan; Catherine Pethoff, Osceola Burr, Manhattan; Louka, Ruth Bales, Manhattan; Captain Bluntschli, Charles Converse, Manhattan; Russian officer, Don Ayres, Manhattan; Major Petkoff, C. M. Correll; Major Sergius Saranoff, Elbert Smith, Russell; Nicola, Fred Lamp-ton, Cherokee.

BALLINGER SETS NEW CROSS COUNTRY MARK

**Intramural Event Attracts 200 Distance
Runners—Phi Lambda Theta
Makes Low Team Score**

A. L. Ballinger, running as an independent in the annual intramural cross country race at the college yesterday, clipped one minute and 32 seconds off the record established last year. His time was 14 minutes, 52½ seconds for the three miles. M. G. Roth, running for Phi Lambda Theta, made last year's record running the course in 16 minutes, 26 seconds.

The intramural cross country was the largest race of its kind ever held at the college, with more than 200 men entered. One hundred and seventy-four of these finished in the 25 minutes allotted for the race.

The five man team of Phi Lambda Theta made the low score in the meet with A. M. Breneman, J. Schwanke, C. Rehman, O. Leasure, and A. Patterson running.

TEACHERS' MEETINGS SET FOR NEXT WEEK

K. S. A. C. BANQUET A FEATURE ON TOPEKA PROGRAM

**Several Members of College Faculty
Have Speaking Engagements at
Capital City, Ft. Scott, Hutch-
inson, and Hays**

The Kansas State Teachers' association, of which Dean Mary P. Van Zile is president, will hold its sixty-fifth annual sessions at Topeka, Hutchinson, Fort Scott, and Hays, Thursday and Friday, November 8 and 9. Mrs. Van Zile, who is dean of women at K. S. A. C., will preside during one meeting at each place.

AGGIES SPEAK AT TOPEKA
At Topeka President F. D. Farrell will speak before the vocational agricultural round table. His subject is "Personal Qualities and Professional Training." Dr. W. E. Griffes will speak on "A Thrift Program for Vocational Agriculture."

Several other persons from the college faculty will appear on the program. Mrs. Lucile Rust will address the home economics round table on "Objective Tests and Measurements in Home Economics." Dr. Margaret Chaney will give a report on the national home economics association meeting at Des Moines. Dr. C. V. Williams will speak on "Helpful Tests in Vocational Guidance," and Dr. C. J. Peterson on an "Analysis of the Most Efficient Vocational Guidance Methods." Prof. V. L. Strickland will speak on the "K. S. A. C. Scholarship Test," and Dr. W. H. Andrews' subject is "Character Value in Mathematics." Mrs. Leona Bower Kell will speak to the Parent-Teachers' association round table on "Home Training of the Preschool Child." Prof. Walter Burr's subject is "What I Believe We Have a Right to Expect in Character Building in a High School Course in Sociology."

AGGIE BANQUET ON THURSDAY

The annual K. S. A. C. banquet will be held on the roof garden at the Jayhawk hotel, Thursday evening, November 8, at 6 o'clock.

At Hutchinson Associate Prof. P. P. Brainard will speak on "A New Test for Vocational Advisors."

Prof. J. O. Faulkner will speak at Fort Scott on the subject "Building a Professional Spirit Among English Teachers." Prof. E. V. Floyd will speak on the "Introduction of the Electron Theory into the Teaching of High School Physics."

At the Hays session J. B. Fitch is scheduled for a discussion of dairy problems for western Kansas. Dr. Margaret Justin will talk on the "Present Day Trend in Home Economics," and Prof. Louis H. Limper will speak about "Some By-Products of a Modern Language Education."

AGGIE RUNNERS SECOND IN THREE TEAM MEET

**Oklahoma Aggies Win With 30 Points,
Wildcats Second With 39,
Oklahoma Third, 53**

Kansas Aggies followed close behind the Oklahoma Aggies to place second in the triangular cross country meet at Norman, Saturday. Oklahoma university was third.

Falkner of Oklahoma Aggies won first with the time of 27 minutes 18.3 seconds, which is fast considering the sandy course. Miller of the Kansas Aggies was second.

The first 14 men finished in the following order: Falkner, Oklahoma Aggies; Miller, Kansas Aggies; Cahoon, Oklahoma Aggies; Carson, Oklahoma U.; Sherman, Oklahoma U.; Winburn, Kansas Aggies; Thompson, Oklahoma Aggies; Gile, Kansas Aggies; Ludwick, Oklahoma Aggies; Birch, Oklahoma Aggies; Hoyne, Kansas Aggies; Faulconer, Kansas Aggies; Duffield, Oklahoma U.; Richardson, Kansas Aggies. The final scores of the teams were Oklahoma Aggies 30, Kansas Aggies 39, Oklahoma U. 53.

The next meet will be with Missouri on November 10.

Visitor from Washington

G. M. Kerr, of the United States geological survey, with headquarters in Washington, D. C., visited last week at the home of his sister, Mrs. A. E. Aldous, wife of Prof. A. E. Aldous of the agronomy department.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, November 7, 1928

Number 8

NEW DEAL AHEAD FOR KANSAS TAX PAYERS

HAROLD HOWE SEES POSSIBLE REVISION IN SYSTEM

Proposed State Revenue Program Would Raise Additional Ten Million Dollars and Reduce Property Load 10 to 12 Per cent

A new deal is ahead for the Kansas taxpayer, supplanting an old unequal system of taxation with which he is now burdened. That is the belief of Prof. Harold Howe of the agricultural economics department, who is in charge of research work in land economics and taxation for the Kansas agricultural experiment station.

Indirect taxes, such as a personal income tax, an excise tax on certain luxuries, and a tax on the gross production of minerals, will supplement those we already have, such as the gasoline tax, motor vehicle license, and the cigarette tax, and will greatly relieve the heavy burden of taxation on real estate and tangible personal property, Professor Howe believes.

TAXES INCREASED TOO MUCH

"The amount of property tax in Kansas has increased 800 per cent in the last 50 years," Howe declared in a recent talk in Manhattan. "If this increase in taxes were equally distributed there would be no grounds for complaint; but as it is, the owners of real estate and tangible personal property are paying about 85 per cent of the tax and those who are taxed by the indirect means pay about 15 per cent. If this could be changed some way so that the indirect taxes would pay about 25 per cent, it would relieve the real estate and the tangible personal property of from 11 to 12 per cent of their load, which would help out greatly."

There is a way to remedy this condition, which is plugging the loop holes in our present Kansas system of taxation, and taxing those sources of wealth which have not contributed or are not contributing their proper share of the taxes, according to the taxation specialist. For example, a man owns a farm in this county which is valued at \$10,000, on which he probably will pay about \$200 a year taxes. This farm may give him an income of about \$400 a year, while in town a college professor who may not own any real estate, earning let us say \$3,500 per year may pay only \$25 to \$50 a year in direct taxes. Another example—a man in Manhattan owns a house valued at \$10,000 and another has no real property such as real estate in the town but has \$10,000 deposited in the bank or in stocks or bonds. The man with the house will pay about \$340 dollars in taxes while the other man with the deposit or investment will pay \$50 in taxes because the tax on intangibles is at the rate of five mills on the dollar.

THE PROGRAM FOR KANSAS

"A program for revising the Kansas tax system has been gradually evolving during the last decade," Howe continued. "The fundamental principle of this program is to relieve real estate and tangible personal property of some of the burden which it now bears, and raise a larger part of our revenue from indirect taxes. This may be done by supplanting these indirect taxes with others such as a personal income tax, a gross production tax on minerals, an excise tax on the sale of tobacco, non-alcoholic beverages, candy, chewing gum, perfumes, cosmetics, and theater admissions."

Twelve states and the federal government make use of the personal income tax. The rates, exemptions, methods of collections, and the distribution vary somewhat with the states. Two outstanding income taxes are those of New York and Wisconsin, which are satisfactory because of the fairness of the way in which everyone is taxed. An income tax for Kansas patterned after the tax of the federal government would

yield the state about three and one-half million dollars annually.

The tax on the gross production of minerals has been used with success in several other states, notably Texas, Oklahoma, Louisiana, Alabama, and Minnesota. Even a three per cent tax on the more important minerals in Kansas such as petroleum and gas, and a 2 per cent tax on coal, lead, zinc, salt, and stone would yield the state nearly three million dollars each year.

WOULD TAX LUXURIES

"An excise tax on certain luxuries and semi-luxuries is also a part of the suggested program. The Kansas cigarette tax which is a specific example of a luxury tax yielded the state \$730,000 in revenue last year. Luxury taxes are levied upon articles generally considered non-essentials and therefore are voluntary, hence only those unwilling to do without certain luxuries have to pay the taxes. Their willingness to use luxuries is to a certain extent an indication of ability to pay the tax. Consequently these taxes reach a class of people which does not pay any other tax or which pays a disproportionate part," Professor Howe declared.

It has been estimated that an excise tax of 5 per cent on the sale of tobacco would yield approximately \$1,500,000 annually, and that a 5 per cent excise tax on the sale of non-alcoholic beverages, confections, and so on would yield a like amount. An excise tax of 10 per cent on theater admissions would yield about \$750,000.

WOULD REDUCE PROPERTY LOAD

Summing up the estimated yields from these taxes we would have \$10,000,000 or about the amount that is annually collected from the general property tax by the state government. If these new taxes were introduced, and provided that the expenses of the government did not materially increase, there would be no necessity for a state levy on property, according to Howe. As a consequence we could expect our tax load on property to be reduced 10 or 12 per cent, which would relieve real estate and tangible personal property of the heavy burden and in addition would more evenly distribute the tax load among the Kansas people.

THREE DIVIDE HONORS IN POULTRY JUDGING

Arnold Chase and E. W. Theiss Tie in Senior Division—Dean McCammon Wins in Junior Group

Arnold Chase, Manhattan, E. W. Theiss, Hutchinson, and Dean McCammon, Oronoke, won highest honors in the students' poultry judging contest held at the college last Saturday. Chase and Theiss tied for first honors, scoring 510 points and winning a \$12.50 cash prize each. McCammon was high man in the junior division of the contest with 495 points, winning thereby a \$5.00 cash prize.

R. W. O'Hara, Blue Mound, and H. D. Garver, Manhattan, were runners-up in the senior contest, each of them scoring 505 points and winning a \$4 cash prize. Lee Albin, Norcatur, took second honors and \$2.50 in cash in the junior division.

INCREASED FLAX PRICES BRINGS INTEREST IN CROP

Demonstrations in Best Methods of Culture Planned by College

Extension specialists and agronomists of the Kansas State Agricultural college will conduct demonstrations in better methods of flax culture in southeastern Kansas, following a conference at the college last Saturday. S. H. Wiley of the Fredonia Linseed Oil works conferred with college officials relative to flax production.

A recent increase in the tariff on flax has resulted in a heightened price to growers and hence a greater interest in production of the crop.

ENGINEERING SOCIETY HERE NOVEMBER 9-10

PROF. E. R. DAWLEY IN CHARGE OF LOCAL ARRANGEMENTS

Missouri University Professors May Attend Sessions of Kansas-Nebraska Section, Society for Promotion of Engineering Education

Fifty visiting engineering faculty members from three schools are expected to be guests of K. S. A. C. for the meeting Friday and Saturday, November 9 and 10, of the Kansas-Nebraska section of the Society for the Promotion of Engineering Education.

Faculty members from the University of Nebraska, Kansas university, and K. S. A. C. are members of the section, and those of the University of Missouri have been invited to attend the meeting and see the Kansas Aggie-Missouri football game Saturday.

Presiding at the meetings will be Prof. O. E. Edison of the University of Nebraska, president of the section. Prof. E. R. Dawley of K. S. A. C. is in charge of arrangements.

FIRST MEETING FRIDAY

First session will be Friday night, when the men will attend a banquet at the Masonic temple while their wives are dinner guests at the Hotel Wareham. Following the banquet the men will adjourn to the college, while the women will attend the Manhattan theater play "Arms and the Man."

"Freshman Engineers Day at the University of Nebraska," will be the subject for Friday night of Prof. E. E. Brackett, of the university. Prof. R. G. Kloeffler of K. S. A. C. will speak on "The 1928 Summer School for Teachers of Electrical Engineering," and Prof. J. O. Hamilton of K. S. A. C. will talk on "The 1928 Summer School for Instructors in Physics."

Saturday morning Prof. F. W. Morris of Nebraska university will speak on "How Engineering Instructors May Better Their Professional Standings." Discussion will be led by Prof. J. P. Calderwood of K. S. A. C. A report on the last national meeting of the Society for the Promotion of Engineering Education will be given by Prof. H. W. Anderson of the University of Kansas and Prof. L. E. Conrad of K. S. A. C.

WIVES GO SIGHTSEEING

Business meeting, report of officers, and election of officers will be Saturday morning. While the men are at the meeting, their wives will take an automobile trip to Fort Riley, or in case of inclement weather will be entertained at the Country club.

At noon the members of the section and their wives will have a dinner at the Masonic temple, and in the afternoon attend the K. S. A. C. Missouri football game.

Place of holding the meeting is alternated between the three member schools. Next year's session will be at the University of Nebraska.

UNIVERSITY WILL AID SCIENCE PUBLICATION

Assures Support for 'Transactions' of Kansas Academy by Agreement to Buy 500 Copies

Continuance of publication of the annual volume of transactions of the Kansas academy of science for at least two more years is assured by agreement of the University of Kansas to purchase 500 copies of each volume at essentially \$500, according to announcements made by Dr. George E. Johnson, secretary of the academy.

Publication of the transactions was suspended seven years ago when state support failed, but at the 1928 meeting of the academy it was agreed that publication would be resumed by use of available funds, and by charging the cost of publishing papers largely to the authors. The

volume to be published by this means will contain nearly 300 pages.

"Sale of 500 copies of the transactions to the university will enable the academy to put out a creditable publication for two more years, after which time the agreement may be renewed," Doctor Johnson said.

"The university will use the volumes to exchange for publications of other academies; city, state, and foreign. The exchange plan also gives wide distribution to the papers published in the transactions."

"The present volume is well under way, but will be delayed somewhat by the addition of one very long paper on Indian Archaeology written by Dr. A. B. Reagan, a government worker among the Indians of the southwest."

"Other papers deal with such phases of science as chemistry, botany, pure foods, birds, reptiles, insects, ovarian transplantation, meteorites, geology along the Kaw, birth weights, and incubator temperatures. The volume also will contain minutes of the meetings, and a list of members."

MUSIC DEPARTMENT TO GIVE SUNDAY RECITALS

Schedule for Winter Season Is Announced—Band Opened Series Under New Director

The first number of a series of Sunday concerts and recitals under the auspices of the K. S. A. C. department of music was a concert by the college band last Sunday, under the direction of Myron E. Russell.

On November 11 the entertainment will be a recital by Charles Stratton, pianist and instructor in music at the college. Other numbers in the series of concerts and recitals follow: November 18, recital by Miss Painter, pianist, and Mr. Sayre, tenor; November 25, recital by Miss Smith, pianist, and Miss Talmadge, soprano; December 9, recital by Miss Steel, pianist, and Mr. Hill, violinist; December 16, sacred concert, "The Messiah" to be presented by the Manhattan Choral union, William Linquist, conductor; January 6, recital by Miss Jefferson, pianist, and Mr. Lindquist, baritone; January 13, recital by Mr. Downey, cellist, and Mr. Farrar, baritone; January 20, recital by Miss Grossmann, contralto, and Miss Pelton, pianist; and January 27, recital by the college trio and Mr. Russell, oboist.

The recitalists who will appear in the above series are all members of the department of music faculty.

WHEAT CONFERENCE OPENS HERE TOMORROW MORNING

To Discuss Place of Research in Hard Winter Wheat Industry

At 9 o'clock tomorrow morning President F. D. Farrell will welcome to the Kansas State Agricultural college more than 100 representatives of the hard winter wheat industry of the southwest. What the President says will open the one-day wheat conference called by him a month ago.

Millers, farmers, bakers, editors, research specialists, and others interested in the hard winter wheat industry of Kansas, Nebraska, Colorado, Oklahoma, and Texas will be present for the conference, the purpose of which is to discuss scientific research as a factor in safeguarding the interests of that industry.

KANSAS TAXATION UNDER EYE OF ERIC ENGLUND

Former Staff Member Confers on College Research Work

Eric Englund, in charge of the division of agricultural finance in the bureau of agricultural economics, United States department of agriculture, is conferring with agricultural economists of the college this week relative to research in agricultural finance and taxation. Mr. Englund formerly was on the staff of the college agricultural economics department.

SPUD GROWERS FORM SELLING ASSOCIATION

POTATO SHOW VISITORS APPROVE COMMITTEE PLAN

Launch Machinery Intended to Solve Some Marketing Difficulties—Will Appoint Price Quotation Group if More Producers Sign

The beginning of what promises to become a successful cooperative marketing organization for Kansas potato growers was made in Manhattan last week when growers attending the annual potato show adopted articles of organization for the Kaw Valley Potato Growers' association.

By the articles of agreement the potato growers of the Kaw valley agreed to sell their 1929 potato crop through their association. The affairs of the association will be under the supervision of a board of managers consisting of 12 members. The board of managers will appoint a price quotation committee consisting of three persons.

SET DAILY MINIMUM PRICE

The duties of the quotation committee shall be to issue a minimum price daily on the sale of Irish potatoes, taking into consideration the several grades under which potatoes are marketed, to issue such rules and regulations as seem advisable concerning the loading and distribution of the potatoes, and to exercise general supervision over marketing Kaw valley potatoes.

The agreement signed by the growers shall be effective for a period of one year and continuously thereafter from year to year, except that a member may resign by written notice to the secretary of the association during the month of November in any year. The potato growers' agreement is not to become binding unless the potato growers in the so-called Kaw valley portion of Wyandotte, Johnson, Douglas, Leavenworth, Jefferson, and Shawnee counties, representing 85 per cent of the acreage to be planted in Irish potatoes, shall sign the agreement on or before February 1, 1929.

PRICES DISASTROUS THIS YEAR

Organization of the growers' association was hastened by disastrous prices which prevailed during the marketing season of the present year. Though the crop in the Kaw valley was large and the potatoes of good quality, producers could not afford in many instances to dig their crop because the cost of putting them on the market exceeded the price received.

During the last few weeks a committee has been working on the constitution of the new potato association. Members of this committee were: C. E. Huff, Salina; Ralph Snyder, Manhattan; W. A. Pendleton, Lawrence; W. R. Stiner, Lawrence; James Trant, Edwardsville; John W. Taylor, Edwardsville; Fred Schneider, Wilder; George Plummer, Perry; Sherman Bell, Perry; Omar Brown, Linwood; Jesse Haney, Topeka; Clifford Morse, De Soto; Eli Wilson, Lawrence; Chester Michael, Kansas City, Mo.; and C. V. Cochran, Topeka.

F. O. Blecha, district county agent, and Dr. W. E. Grimes of Kansas State Agricultural college served on the committee in an advisory capacity.

'Twas GOOD SPUD SHOW

Valuable suggestions in the organization of the Kaw Valley Potato Growers' association were made by F. B. Bomberger, assistant director of extension work for the University of Maryland. Mr. Bomberger directed the organization of a similar producers' association, the Del-Mar-Va Eastern Shore Potato association, which has been successful.

The two day potato show was one of the best ever held by Kansas spud growers, according to C. E. Graves, extension plant pathologist of the college, who supervised local arrangements. One hundred and twenty-one exhibits were displayed.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, LILIAN HUGHES NEIS-
WANGER, R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, NOVEMBER 7, 1928

BRIGHT LIGHTS, REFLECTED

A compassionate friend in New York has sent us a theater program. It was passed out by the white gloved hand of a uniformed usher when the friend went to see "The Three Musketeers," Florenz Ziegfeld's finished production of Dumas' stirring classic with spirited lyrics by Rudolf Friml.

The cover is a gorgeously thing; Dennis King as a handsome D'Artagnan in broad black cavalier hat whose sweeping red and purple plume nearly clashes with the vivid blues and greens of his velvet suit.

"Because we are all hopelessly romantic, I suppose, this has been a great success," is the friend's pencilled annotation.

The program is a crumb from the feast, a delightful but tantalizing glimpse of the bright lights of the incomparable city. It sets us day dreaming of a future spree, rouses again the emotional heights and depths of the last orgy of shows in an all too brief holiday.

We, out here in what Broadway whimsically chooses to call the hinterlands, must take our theater in hasty overdoses. Who of us hasn't made a mad but exciting attempt to see a whole season's offering in a week—or three days!

We must see a great number, to last a long time. What matter if we dashed to another before we have time to grasp the significance, or insignificance, of the last. We could sort them out and cogitate at length later, when we got back home.

"The Three Musketeers" is just the show we would go to first if we could run off to the city this week end. Romance, catchy airs, swinging rhythms, splendor, color—pure entertainment. "Strange Interlude" and other thought provoking things could come later. Also balcony seats another night. Downstairs this time—just to do it right once!

It's all there in the program, the the carefree opulent spirit of our transitory gayety. Its very pages feel expensive.

And the ads! There's a photograph of a French beauty salon. How shabby our present clothes would feel—but depression could only be momentary, the consolation "nobody knows us." Bonbons from Sherry's. Perhaps we'd take in a half pound of Fannie May's just to catch the proper feeling. The Roosevelt grill. Would we, or wouldn't we? Modern art. Sophistication.

No wonder the Art Program, Inc., can boast in its own ad in the booklet that "this publication reaches every state in the Union." We'll keep the program on the reading table for a few days, to catch a whiff of the city—and perhaps feel a little sorry for ourselves.

THE MARTIN JOHNSONS ARE KANSANS

Mr. and Mrs. Martin Johnson are returning to Kansas after spending several years photographing wild animals in the African jungles. They have become popular heroes. Tawny beasts are as "good stuff" for rotogravure sections as they are for museums, particularly if pictures of them include a member of the "weaker sex" apparently risking life with non-

chalant bravado. Their book, "Safari," is no technical treatise for the research student, but an exciting and dramatic newspaper serial.

There are those of us who didn't know before that "the" Martin Johnsons were home folks. Of course that makes them suddenly become a little less great. Oh, not that we won't seek a little reflected glory if we have the opportunity to say, very suavely, to friends in another state, "The Martin Johnsons are from Kansas, you know!"

BOOKS

See Your Psychiatrist

Why Men Fail, edited by Morris Fishbein, M. D., and William A. White, M. D., the Century company.

"By recognition and proper treatment, potential failure may be turned into success." This statement by Dr. Karl A. Menninger of Topeka, appears in one of the two chapters which he has contributed to the volume "Why Men Fail." The sentence may be taken as the thesis of the book, a series of thirteen articles sponsored by the American Psychiatric association and the American Medical association. The same idea is presented by Doctor White in his introduction to the discussions: Many failures spring from faults in our mental make-up, and these failures are preventable if the reasons for them are understood.

In many cases the failures of the children should be visited upon the parents. I can scarcely repress a shudder when I hear a fond mother expressing regret that a son or daughter is growing up. Too often, alas, the child does not grow up emotionally and longs for the protection of his home and the sheltering arms of his mother. Our present day prolongation of infancy has gone too far. Removed from the immediate influence of the home the boy or girl is still cheated of responsibility by substitutes for the parents.

The protected person does not learn as he should and when he should the necessity of facing reality. As a result of this failure to learn at a time when it is easy for him to make the adjustments necessary for his happiness and success, he takes refuge in some form of unreality. He becomes a day dreamer. He yields to fits of depression. His personality is divided and he is known as "queer."

Sometimes, I suppose, it is hard to distinguish between cause and effect in the lives of mal-adjusted persons. More baffling still is the fact that many of them have no desire to change. Stekel in one of his works speaks of "the reluctant patient, who is, at heart, unwilling to get well." The man who is a failure, or who is unhappy because he feels that he is missing what life should have for him cannot heal himself. What is he to do? The answer is given by several contributors to "Why Men Fail," and for the present needs constant inculcation: Consult a psychiatrist.

Mental health is necessary and mental ill health must be avoided if one is to be successful. "Why Men Fail" describes in non-technical terms, a number of significant mental and emotional symptoms which it is dangerous to neglect. But the book creates no new fears. No morbid attempts at self analysis could result from the reading of its sensible, competent, and sympathetic chapters.

These chapters which constitute the book appeared first as discussions in the New York Herald-Tribune. The editors of the present volume each contribute an article, and Doctor White has written also the introduction. Dr. Karl A. Menninger of the Menninger Psychiatric clinic, Topeka, and Dr. George A. Pratt, of the national committee for mental hygiene, New York City, have each contributed two chapters. The other contributors, each of whom is a doctor of medicine and a psychiatrist, include the following: Douglas A. Thom, director of the division of mental hygiene, Massachusetts; Arthur H. Ruggles, professor of psychiatry and mental hygiene, Yale university; Smith Ely Jelliffe, associate editor Psychoanalytic Review; Abraham Myerson, professor of neurology, Tufts College Medical school; Anita M. Muhl, psychiatrist, Providence Hospital psychiatric clinic; V.

V. Anderson, director of the medical research for R. H. Macy and company; and Herman Adler, director of the Institute for Juvenile Research, Chicago. —Robert Conover.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

W. M. Blackledge, a student in 1916-17, was killed in action in the Argonne.

Following graduation from the artillery school at Fortress Monroe

tical instruction adapted to dairying in Kansas was to be given.

FORTY YEARS AGO

A. M. Green, '86, changed his address from Santa Barbara to Look-out, Modoc county, Cal.

The second division gave the weekly exercise under the direction of Professor Olin. Six young men and two young women participated.

Eusebia Mudge, daughter of Prof. B. F. Mudge, and a student in the college previous to 1874, and F. L.

Boys—and a Paradox

F. D. Farrell

There are two kinds of boys: those who work and those who do not. The first kind includes most farm boys and many sons of hard working parents in the towns and cities whose small incomes must be supplemented by the earnings of the younger members of the family. It also includes some city boys whose parents are well-to-do and unusually wise. The second kind includes many of the sons of men who have acquired economic independence and of professional people living in towns and cities under conditions that do not provide the boys with the necessity to work. Usually the fathers of these boys were required to work and practice self-denial when they were young and they now are reaping the economic and professional rewards of their early struggles.

The boys who do not work are characteristically spendthrifts. Their number includes many of the type of college students whose expenditures mount higher year by year and whose vacations are spent at fashionable resorts or in other costly and futile attempts to find happiness without being useful. Pretty generally, they are the victims of their fathers' economic and professional success. They develop stubborn habits of careless expenditure and elaborate idleness. They grow soft, weak, cowardly, and unfit to fill positions of responsibility and usefulness. From this class are recruited many of the people whose actions menace society.

Meantime the working boys are rising early each day to milk cows, sell papers, sweep out store buildings, plow corn, or work in factories. When evening comes they are hungry and they "approach their resting beds, weary and content and undishonored." In their period of struggle and self-denial these boys develop honest habits, hard muscles, courage, initiative, and skill. They prepare themselves for successful and happy careers in school and college and subsequently in the industries, commerce, and the professions. Ultimately they take the places of the fathers of the other boys when these fathers die or retire from business. And many of the sons of these working boys grow up as members of the idle, unhappy class unfit to take their fathers' places.

It is an interesting paradox in human affairs, a paradox as old, perhaps, as the economic type of social organization. The one kind of boys struggle for economic and professional success and when they achieve it their sons become victims of the success for which the fathers struggled. Most of these fathers appear to be unwilling or unable to see that their sons have the one thing upon which genuine success usually is based—the necessity to work and to practice self-denial. It is a paradox whose evil effects are seldom avoided except by the sons of fathers and mothers who have the courage and wisdom to live simply, somewhat as if they were poor.

with highest honors, L. B. Bender, '04, was commissioned lieutenant colonel.

R. M. Sherwood and John L. Prehn, poultry specialists, went to Topeka to confer with the state board of health about a campaign for better summer eggs.

TWENTY YEARS AGO

The Students' Herald had a circulation of nearly 1,200.

The Manhattan street car track was being put in. Four blocks had been graded and the work of laying the rails begun.

The Eurodelphian literary society gave a Hollowe'en party for their friends, the Websters. There were 70 masked couples present, and refreshments of pumpkin pie, popcorn, and sweet cider were served.

THIRTY YEARS AGO

The engineering students discussed the organization of an engineering society.

W. C. Lee had an article on "What to Do With the Philippines" in the Advocate and News.

The college offered its second annual dairy school, from January 3 to March 25, 1899. Thorough, prac-

Irish were married at the home of the bride's mother in Manhattan.

FIFTY YEARS AGO

The Children's Temperance alliance was creating increasing interest.

Mildred Parsons, a former student at the college, taught in Manhattan high school. Her home was in Colorado Springs.

Professor Van Deman had as a guest William Cutter of Junction City. Mr. Cutter purchased 200 college pear trees and other nursery stock.

If you choose to represent the various parts in life by holes upon a table, of different shapes—some circular, some triangular, some square, some oblong—and the persons acting these parts by bits of wood of similar shapes, we shall generally find that the triangular person has got into the square hole, the oblong into the triangular, and a square person has squeezed himself into the round hole. The officer and the office, the doer and the thing done, seldom fit so exactly that we can say they were almost made for each other. —Sydney Smith.

TWILIGHT GLOW

Harry Kemp, in "Chanteys and Ballads"

Rich afterglows of autumn
Fill all the world with light
And elm and oak and maple
Loom up like fire in flight,

And golden is the valley,
And golden is the hill,
And golden is the first star
At twilight's window-sill.
—Harry Kemp, in "Chanteys and Ballads."

SUNFLOWERS

H. W. D.

POOR PAPA'S FLIGHT

To every action there is an equal and opposite reaction—mostly opposite.

Given: the American home of forty or fifty years ago with mother and three or four daughters doing all the work by hand—cooking, cleaning, stove stoking, gardening, dairying, and an endless string of et ceteras.

Given also: an interim during which canning factories and bakeries take over the cooking, electrical power takes over the cleaning, furnaces supplant stoves, the green grocer handles the gardening, the blue milkman does the dairying, and a long string of cleverly devised machines do the long string of et ceteras.

Given also: the emancipation and flapperization of mother and the girls or girl, the domestication of the automobile, the growth of federated clubs, parent-teacher associations, auction bridge and the blindfold test, and the feminization of politics.

Puzzle: who is going to do what is left of the home cooking, operate the vacuum cleaner, stoke the furnace, pay and tolerate the green grocer and the blue milkman, finance the emancipation and decoration of mother and daughter, back the automobile out of the garage, write the speeches for a dozen clubs and associations, be the dummy at bridge, endure the aftermath of Pebecco advertising, and listen politely to the dulcet tones of feminized politics?

Answer (in chorus, please): Poor Papa!

Yes sir and mam, that's the misery of it. As woman moves forward, man must slip aside, fall in, and bring up the supplies. In the old days when gallant knights did all the quarreling and settled all the questions, fair ladies were worshipped as angels and permitted to raise the crops, boil the cabbage, and do the dirty work. In the new days, which are, alas, upon us, it is no longer so. Man has ceased to reverence and adore. He hasn't the time. Elusive dollars, hundreds and thousands of them, are to be captured and stowed away against the inevitable overdraft, the kitchen is to be mopped, the furnace de-clinkered, the floors polished, the furniture done over, the radio operated upon before the company comes, the speech upon "Greek Games of Long Ago" to be revised, the gas burner to be adjusted, the motor car to be bathed on the outside and dry-cleaned on the inside.

You can't have an advance of woman without a retreat of man. It's against the one law that has never got in the statutes nor failed of enforcement.

What are we going to do about it? Echo, the only thing that dares lift its voice, answers nothing, and dies away in a hurried diminuendo.

If husbands could only fade away like that!

Maybe that's the solution. Poor papa must learn to do the ether flop and indulge his antique male superiority in the desert environment of some yet-to-be-discovered land of reminiscent reverie.

Meanwhile, boys, resignation and adjustment without a word! The less we say about it, the sooner we get out of the hospital.

The newspapers! Sir, they are the most villainous, licentious, abominable, infernal—not that I ever read them! No, I make it a rule never to look into a newspaper.

—Richard Brinsley Sheridan.

AMONG THE ALUMNI

F. H. Shirek, '23, asks that his INDUSTRIALIST be sent to box 448, Toppenish, Wash.

E. L. Lahr, '21, and Hettie (Carris) Lahr, '20, ask that their INDUSTRIALIST be sent to Taylorville, Ill.

Grace Steininger, '25, is assistant professor of nutrition and dietetics at the Oklahoma Agricultural and Mechanical college, Stillwater.

Esther (Tracy) Luke, '26, 935 Minnesota avenue, Kansas City, Kan., is teaching and managing the cafeteria in the Wyandotte high school.

John S. McBride, '14, and Edith (Maxwell) McBride, '14, are anticipating the 15 year reunion of their class at commencement time next spring.

A. C. Hoffman, '26, formerly county agent at Larned, is now doing graduate work in the department of agricultural economics, Iowa State college.

E. H. Freeman, '95, visited at the college recently. Mr. Freeman has held the position of professor of electrical engineering in the Armour Institute of Technology at Wilmette, Ill., since 1908.

J. C. Cunningham, '05, already is getting enthusiastic over the possibility of a 25 year reunion for the '05 class at commencement time 1930. Mr. Cunningham is professor of horticulture at Iowa State college.

Asa H. Ford, '23, and Clara (Ausherman) Ford, f. s., of Downers Grove, Ill., spent a few days recently on the campus and in Manhattan, visiting friends. Mr. Ford is employed by the Edison Commonwealth Electric company of Chicago.

F. E. Fuller, '11, writes from Bloomington, Ill., that his affection for the old institution still runs high. Mr. Fuller recently resigned as county agent in Henry, Ill., to launch a farm management company. At the present time he has between 50 and 60 farms on which he is trying to do what the landowner should do if he knew what to do and had the time to do it.

MARRIAGES

CASPER—HOOVER

The marriage of Josephine Casper, Junction City, to Laurence J. Hoover, f. s., occurred in Junction City October 24. Mr. and Mrs. Hoover are making their home in Junction City.

JOHNSTON—HUBBARD

The marriage of Alice Johnston, '28, of Irving, to J. R. Hubbard, f. s., of El Dorado took place in Topeka September 22. Mr. and Mrs. Hubbard are at home in El Dorado where Mr. Hubbard is on the news staff of the El Dorado Times.

NEELY—TEETERS

Mr. and Mrs. W. F. Neely of Abilene, announce the marriage of their daughter, Dorothy, f. s., to William W. Teeters, f. s., at their home August 29. Mr. and Mrs. Teeters are at home at 1811 North Blackwelder street, Oklahoma City, where Mr. Teeters is an engineer with the Acme Milling company.

McGEORGE—GRIFFIN

The marriage of Mary McGeorge to Percy Griffin, f. s., took place in Buenos Aires, South America, September 25. Mr. Griffin's former home was Nickerson. Eight years ago he went to South America to be in charge of exports for Swift and company. Mr. and Mrs. Griffin are making their home in Gaukenken Aike, Rio Gallegos, Argentina.

BIRTHS

F. P. Burke, '24, and Mrs. Burke of Creighton, Neb., announce the birth of a daughter June 14.

Homer C. Boyd, '21, and Mrs. Boyd, Lake Village, Ark., announce the birth of Dorothy Jean July 21.

Mike Ptacek, '22, and Jean (Han-

na) Ptacek, '22, of Emporia announce the birth of a daughter, Jean, recently.

John S. McBride, '14, and Edith (Maxwell) McBride, '14, announce the birth of their son, William Robert, May 9. Mr. and Mrs. McBride live in Topeka.

David L. Browne and Helen (Correll) Browne, '25, of Norton, announce the birth of their son, John Charles, October 8. John Charles is the grandson of C. M. Correll, '00, and Laura (Trumbull) Correll, '00, of Manhattan.

E. J. Jelden, '22, and Mrs. Jelden of 1313 Louisiana street, Lawrence, sent the following clever announcement: "There were 7 wonders in the world until Friday, June 29, when Charles Edward, weight 7 pounds, was born to Dr. and Mrs. E. J. Jelden."

DEATHS

CARAWAY

Gertrude (Sanders) Caraway, wife of L. P. Caraway, '25, died recently at their home in Logansport, La. No further particulars could be learned.

FREEMAN

Clarence E. Freeman, '88, died October 27 at the home of his brother, E. H. Freeman, '95, in Wilmette, Ill. For the past three years he had been in failing health. Mr. Freeman lived an active life as an electrical engineer, having been professor of electrical engineering in the Armour Institute of Technology from 1893 to 1908, and since then in private practice.

'FRIVOL' TO BE GIVEN NIGHT OF NOVEMBER 23

Cast for W. A. A. Production Announced by Margaret Canham, Chairman

The "cast" for Frivol, annual dance and entertainment given by the Women's Athletic association, was announced Saturday by Margaret Canham, general chairman. This year's presentation of Frivol will be November 23 in the ballroom of the new Wareham hotel.

Members of the cast are: First chorus—Pattie Kimball, Manhattan; Helen Kimball, Manhattan; Anna Annan, Beloit; Fern Murray, Manhattan; Meredith Dwelly, Manhattan; Edith Loomis, Osborne; Helen Durham, Manhattan; Eleanor Laughhead, Dodge City. Pirate chorus—Ruth Allen, Parsons; Vernita McClelland, Topeka; Marguerite Conroy, Manhattan; Ruth Correll, Manhattan; Margaret Darden, Manhattan; Charlotte Remick, Manhattan; Norma Koons, Sharon Springs; Lois Anderson, Byers; Eva Mae Smalley, Kansas City.

Modern chorus—Vera Bowersox, Great Bend; Pauline Samuels, Manhattan; Hope Dawley, Manhattan; Anne Stever, Eureka; Mary Lou Doolittle, Kansas City; Mary Rankin, Kansas City.

Pantomime "On the Boulevard"—French Maid, Betty Jeffers, Abbyville; The Dude, Daryl Burson, Manhattan; Policeman, Florence Thiebaut, Kansas City.

A specialty dance number will be given by Margaret Canham, between choruses.

Committees for the production are as follows: Publicity—Shirley Mollett, chairman, Manhattan; Florence Thiebaut, Kansas City; Catherine Halstead, Manhattan; and Miss Helen Saum, head of the women's physical education department.

Tickets—Marybelle Read, chairman, Manhattan; Adelaide Scott, Manhattan; Helen Laura Dodge, Manhattan; and Miss Katherine Geyer, instructor in physical education.

Decorations—Mildred Huddleston, chairman, Manhattan; Violet Holstine, Columbus; Imogene Lampe, Kansas City; and Miss Ruth Trant, instructor in physical education.

Costumes—Meredith Dwelly, Manhattan. Dance—Betty Jeffers, Abbyville; Mary K. Chronister, Topeka; and Miss Dorothy Sappington, instructor in physical education.

What Is an Alumnus?

"The terms alumnus and alumni refer to both graduates and former students," says Dean R. A. Seaton, '04, retiring president of the alumni association. "This definition is given in the by-laws and constitution of the K. S. A. C. Alumni association as well as in standard dictionaries."

K. S. A. C. alumni are scattered world wide. They are engaged in many vocations, yet all enjoy a common fellowship—they are all Aggies. All alumni may find many opportunities of service to K. S. A. C. through active membership in the alumni association.

LOOKING AROUND

KENNEY L. FORD

I deem it a distinct honor and a privilege to have the opportunity of serving the K. S. A. C. Alumni association as executive secretary. I assume my duties realizing that I follow worthy predecessors—Stratton, Weaver, and Foster.

As alumni we have the privilege of joining in an association world wide in scope and supreme in its influence. To an organization such as ours with its traditions, aims and objectives, success is surely certain.

The strength of our alumni association lies in its membership. We want you to use your alumni office, visit us, write, call, suggest, criticize—anything for the good of the alumni association. —Kenney L. Ford.

AGGIE TRIO, FAR APART, WRITES TO ALMA MATER

Dean Call Receives Interesting Letters from Edward Shim, Dudley Moses, and A. B. Cron

A recent day's mail to Dean L. E. Call, of the division of agriculture, brought interesting letters from three alumni of K. S. A. C. in three different sections of the world.

Edward Shim, a Chinese student who graduated in agriculture with the class of 1916, writes that he is now employed by Brunner, Mond, and company, Ltd., a large English fertilizer manufacturing company. Mr. Shim has been conducting experimental work in China with commercial fertilizers.

He writes, "... The experiments that I carried out in six different centers of which I have written you in the past are showing some interesting results, and in the course of the next few weeks the data from these results will be available. All of these experiments are located in Manchuria, only a small part of the Chinese republic and yet many times bigger than all of Japan. While practically all of China is affected by the war, it is still possible to do business. We are making more fertilizer sales this year than ever before and our supply is not sufficient to fill the demand. In the three years time since I joined this firm, the business in ammonium sulphate has increased fivefold. Business for the future seems very bright.

"I am leaving Shanghai on October 24 for Honolulu for a four months' leave. Seven years have elapsed since I left the island and all my family folks."

Dudley Moses, a south African student who received his master's degree in agriculture at K. S. A. C. in 1924, is now a member of the teaching and research staff of the School of Agriculture, Potchefstroom, Union of South Africa. He is in charge of the investigational work with field crops at this institution.

A. B. Cron, '08, writes from San Juan, Tex., as follows: "We are very pleasantly situated here in the lower Rio Grand valley of Texas. We have 40 acres of land that is ideal for citrus culture and have a nice orchard of about 10 acres started and will set 10 acres more this winter. The place had 24 trees on it when we bought. They are well filled with fruit this year and many of the first trees we set have fruit on them.

"I have been busy helping to get the cooperative marketing of vegetables started and to keep it going during the past year. The work looks now as if it would be a big success and of the greatest benefit to our farmers.

"Our oldest son graduated from high school last spring with highest honors except one and secured a scholarship in the Edenburg junior college which place he is now attending."

Jayhawk versus Wildcat

That the annual football classic still is being played in homes of alumni is shown by the following letter received from Mrs. Rowena (Brown) Martin, '19, 505 South Second street, Odessa, Mo.:

"Enclosed find check for dues. Sorry to have been so negligent. Please put my name on THE INDUSTRIALIST list as I miss it. Don't meet many Aggies down here and

lose out on things. We have a boy at our house since Sept. 13—Joseph Louis. We also have two girls, Doris Ravenna, three years and, Helen Joyce, five.

"Doctor Martin is a Jayhawker and rubbed it in this year but I said, 'You haven't done it for four years'."

RADIO 'ANNIVERSARY' SET FOR NOVEMBER 26

Music, Play, and Speeches Scheduled for Alumni Night By Station KSAC

Anniversary for radio station KSAC and alumni night has been definitely scheduled for November 26. The opening address will be given by President F. D. Farrell. Other talks of interest to the alumni and radio fans will be given by various department heads and deans and members of college organizations, according to L. L. Longsdorf, radio program director.

The music department, represented by the K. S. A. C. band, orchestra, the men's and women's glee clubs, and the faculty trio will present the first part of the anniversary night entertainment. The literary societies and the Cosmopolitan club will furnish the rest of the musical broadcasts. A one act play will be presented by college students.

The anniversary night program will be the first big entertainment by station KSAC on its new frequency of 580 kilocycles or 516.9 meters.

Bixby's Have Orchestra

Horace E. Bixby, '08, and Hallie (Smith) Bixby, '08, and four children of Portland, Ore., have formed a family orchestra, having novelty numbers. The orchestra includes piano, saxophone, cornet, violin, trombone, xylophone, bells, and drums. The little daughter is the drummer and also sings. While attending the Bixby family reunion in Manhattan last summer their orchestra was a feature of the Sunday band concert in the city park.

Attention K Men!

New K tickets have arrived at the Athletic office and any former K men returning for the Aggie-Missouri game should stop at the Athletic office and turn in their old tickets before attending the game. Those who may not be coming back for the game Saturday are asked to mail in their old tickets and new ones will be sent from the athletic office. A letter giving present address and any news item will be appreciated.

Sayles Studies More

Everett Duane Sayles of Stockbridge, Mich., who obtained his master's degree at K. S. A. C. last summer, has a teaching fellowship in the zoology department at the University of Chicago. Mr. Sayles is doing work on ductless glands, which is a continuation of study he made at K. S. A. C. in endocrinology. He was one of the five graduate students who were elected to Phi Kappa Phi last summer.

Any Extra Industrialists?

A number of requests have come to the editor for Volume 52, Number 2 of THE INDUSTRIALIST and for Volume 54, Number 2. These requests have come from persons and public libraries whose files are incomplete. If any readers have extra copies of these two issues of THE INDUSTRIALIST, the courtesy of mailing them to the editor will be appreciated.

Baker Turns Banker

Marvel L. Baker, '24, resigned his position as head of the department of animal husbandry, Nebraska School of Agriculture, Curtis, Neb., to accept the position of cashier of the Curtis State Bank.

They Represent Aggies

Ruth Frost and Marybelle Read were the official delegates of K. S. A. C. at the state convention of the Women's Athletic association, held at Lawrence, October 25-27.

Dennen Teaches Again

Rowland L. Dennen, '25, is serving his second year as principal and coach of athletics in the rural high school, Norcatur.

RECENT HAPPENINGS ON THE HILL

Sixteen teams are competing in the first women's horseshoe tournament, which started recently.

Radio station KSAC was silent on election night, in accordance with a request from the federal radio commission.

The Rev. Francis J. O'Hern, president of St. Mary's college was the speaker at student forum Wednesday, on the subject "Facing Life Squarely."

Students enrolled in electrical engineering were guests last Saturday night at a smoker given by the K. S. A. C. chapter of the American Institute of Electrical Engineers.

Preliminary plans for the annual Campus Chest campaign were made at a meeting last week. The campaign will be on the last two days preceding Christmas holidays.

Mary Bell Read, Manhattan, and Ruth Frost, Blue Rapids, were delegates from K. S. A. C. at the state convention of Women's Athletic association at Lawrence, October 25-27.

Initiation of Gertrude Sheetz, Admire; Maxine Brown, Manhattan; and Virginia Lovitt, Great Bend, is announced by Mu Phi Epsilon, honorary sorority for women students in music.

C. W. Meagher, Severy, was elected president of the freshman commission of the Y. M. C. A. last week. Robert Pfuetze, Manhattan, Virgil Siebert, Pretty Prairie, and Carl Martinez, Manhattan, also are officers.

The college band gave a concert in the auditorium last Sunday, as the first of a series of Sunday afternoon programs to be given by the music department. Charles Stratton, instructor in music, will appear in recital next Sunday.

Plans for an "all-freshman" party were made at the class meeting held in the auditorium last week. The party will be held first semester because, as one freshman put it "some of us might be asked to leave at the end of the semester."

A valuation of \$4,571,351.47 is placed on the buildings and equipment of the Kansas State Agricultural college by H. E. Schrack, state business manager. The college is second in valuation among state institutions, the university being first with \$5,983,881.49. Total valuation of all state schools is more than 29 million dollars.

The following have been elected to Phi Alpha Mu, honorary fraternity for women in general science: Fern Barr, Manhattan; Frances Sheldon, Blue Rapids; Ruth McCammon, Norton; Esther Weisser, Paxico; Eileen Roberts, Manhattan; Geraldine Foley, Oronoque; Gertrude Brookens, Westmoreland; Cora Mae Geiger, Salina; Rebecca Dubbs, Ransom.

"Mike" Attends Dedication

M. F. Ahearn, '13, director of athletics at K. S. A. C., was recently in New Haven, Conn., attending the dedication of the Walter Camp memorial. Representatives from all institutions who contributed to the memorial were invited to the dedication. On Saturday, November 3, a special section was reserved for the delegates at the Yale-Dartmouth game.

Pay Only Low Fares!

Alumni returning for the Aggie-Missouri game November 10 should remember the reduced rates of one fare for the round trip over the Rock Island and Union Pacific railroads. These rates apply from all points in Kansas and from Kansas City and St. Joseph, Mo.

Lee Studies at Wisconsin

H. K. Lee of Korea, who received his master's degree in agricultural economics in 1926, is taking work toward his doctor's degree at Wisconsin university.

BO'S WILDCATS STALK MISSOURI TIGERS NEXT

BO'S BOYS WORK ON LINE PLAYS IN PREPARATION

Purple Fend With Gold and Black has Many Stirring Chapters, None Decided by More Than 10 Points

FOOTBALL SCHEDULE 1928

Sept. 29—Bethany, 7; Aggies, 32.
Oct. 6—Okla. A. & M., 6; Aggies, 13.
Oct. 13—Hays Teachers, 7; Aggies, 22.
Oct. 20—Kansas U., 7; Aggies, 0.
Oct. 27—Oklahoma, 33; Aggies, 21.
Nov. 10—Missouri U. at Manhattan.
Nov. 17—Iowa State at Ames.
Nov. 29—Nebraska at Lincoln.

Missouri!

Memories of valiantly fought tie games, one point victories, heart breaking defeats, rise at the mention of the word. No game on the Kansas Aggie schedule is so fraught with possibilities as the annual affair with the Tigers. Eleven games have been played between the schools since the Aggies entered the old Missouri Valley conference in 1913. Five of these have been Tiger victories, three Aggie victories, and three ties.

ALL SCORES SMALL

Never has one team defeated the other by more than 10 points, and five of the eight games which have resulted in victories for one team or another have been by margins of less than four points.

In 1914 Missouri won 13 to 3. Next year saw a scoreless tie, and in 1916 the Aggies started on a victory string unbroken until 1923. The '16 game was won 7 to 6, and was duplicated in score next year. The war prevented the 1918 game from being played, and 1919 was a scoreless tie. In 1920 Missouri won 10 to 7, and in 1921 saw the Aggies win, 7 to 5. In 1922 the Aggies won 14 to 10, and in 1923 Missouri eked out a 4 to 2 victory, grounding a safety in the last two minutes to keep the Aggies from getting the ball in time to score.

Since 1923 Missouri has won steadily, though the Tigers did not meet the powerful 1925 team, due to a lapse of memory of Missouri schedule-makers.

Saturday's renewal of hostilities finds the Aggie squad in the best shape of the year. Every man considered as of "first string" calibre is ready to play, including Alex Negro, sophomore halfback, who was kept out of the Oklahoma game for all but a minute, because of injuries.

NIGRO BACK AT HALF

It is expected that the same backfield which figured prominently in the three early season victories will work together once more Saturday, with Evans at quarter, Negro and Meissinger at halves, and Barre at fullback. Price Swartz of Everest and Keith Shay of Miltonvale both have a chance to start as fullbacks, and H. R. Weller, Olathe, and W. E. Platt, Manhattan, should see service as halves. Ken Boyd, Irving; Marion Swartz, Manhattan; and John Smerchek, Cleburne, are being used quite a bit in practice as halves, as are Joe Anderson, Salina, and Joe Limes, La Harpe, as quarterbacks.

All last week "Bo's boys" sloshed around through mud and rain and snow, going through a hard practice every day in spite of unusually bad weather conditions.

The annual Varsity - Freshman game, scheduled for last Saturday, was postponed to keep from cutting up Stadium field. Fine weather Sunday and Monday put the grounds in excellent shape.

BOTH TEAMS TWICE DEFEATED

While the Aggies have lost to Kansas U. and Oklahoma U., Missouri likewise has been twice defeated, by Nebraska and Drake, the 7 to 0 victory by Drake last Saturday proving a real upset. The Tigers were without the services of Captain Brown, Rosenheim, and Smith, husky linemen. All are expected to be able to play at Manhattan Saturday.

During the first part of the week the Aggies practiced on line plunging and off-tackle plays against the freshmen, temporarily abandoning the passing attack which scored thrice against Oklahoma. McMillin probably will use passes in the Missouri game, but is anxious to be pre-

pared with a running threat in case the passes fail. Saturday's game will be the first played on Ahearn field against Missouri since 1925.

15 ATTENDED COLLEGE DAIRY SHORT COURSE

Six Begin Cow Testing Association Work and Fitch Announces Three New C. T. A. Units

Fifteen students attended a dairy short course offered at the college last week. Upon completion of the week's work it was announced by Prof. J. B. Fitch, head of the dairy department, that six of the 15 would enter cow testing association work immediately.

Professor Fitch also announced the organization of a new cow testing association in Marshall county beginning November 1, and the reorganization of associations in Crawford and Cherokee counties and in Montgomery, Labette, and Neosho counties. The last three counties are pooling their interests to hire one tester, as are Crawford and Cherokee counties.

The 15 who enrolled in the annual dairy short course are Edward Martin, Scammon; Francis Castello, McCune; Raymond Baker, Carlyle; Calvin Darnberger, Talmage; Don E. Garretts, Burlington; Howard Davidson, Burlington; Everett F. Foxall, Woodston; Dan Robinson, Topeka; Harlan Hess, Caldwell; Chester Pratt, St. George; Kenneth Elder, Woodston; Friedof Winans, Oskaloosa; T. E. Morlan, Alta Vista; Frank O'Daniel, Westmoreland; and Forrest Booth, Fairview.

These higher schools simply provide the guide lines along which a man or woman may educate himself or herself.

FLORISTS LIKED THEIR FIRST SHORT COURSE

RESULTS SO GOOD THEY WANT MORE NEXT YEAR

Three-Day School Drew Out Unexpected Attendance—Instruction was Practical, Commercial Growers and College Specialists Speaking

Results of the first florists' school conducted at the Kansas State Agricultural college last week were so successful that plans for another school next year were made before the florists adjourned their meetings at the college. Though a maximum of 25 or 30 florists was expected, before noon of the opening day 66 had registered and by the close of the school, two days later, 86 had attended the short course.

At a business session following a banquet Wednesday evening the visiting florists voted an expression of appreciation to the college for having offered the short course, and complimented Prof. W. B. Balch on the program he had arranged. The florists requested that another short course be offered next year.

BARNES AN INSTRUCTOR

Edward J. Barnes of the W. J. Barnes Floral company of Kansas City was one of the principal instructors during the three day school. His particular part of the program was to give practical demonstrations in the making of bouquets, sprays, funeral designs and other similar floral products. Mr. Barnes accomplished the points he wished to make plain by first making bouquets and designs by an erroneous method and then destroying the first piece of work to make the design in the proper way.

Henry Hockenberry of the C. P. Mueller Floral company of Wichita

appeared on the program to discuss carefully and scientifically the growing of carnations, since the Mueller carnations have been improved in recent years under his direction.

Dean L. E. Call, director of the Kansas Agricultural experiment station, addressed the visiting commercial greenhouse men during the three day short course. Discussing the cost of maintaining the agricultural experiment station, he said the cost per person was 30 cents last year, and the actual measurable returns in oats alone amounted to \$45 per person. In addition there are other returns from Kanred wheat which was developed at the college and from dozens of other special experimental projects.

INSECTICIDES MAY DO HARM

Many insecticides commonly used by florists are more harmful to the soil than the bugs are to the plants, according to Prof. J. W. McColloch, who spoke to the student florists on the subject of "Proper Use of Insecticides." Some of the materials which are effective in controlling the pests are also harmful to the soil to such an extent that plants will not grow in that soil for as long as two years afterward.

Soil preparation, seeding, potting, temperatures, insecticides, fertilizers, and fumigants as well as watering and ventilating were gone into in detail by James B. Masson of Bethel. Mr. Masson has been outstandingly successful in growing potted plants in his greenhouses.

Others who spoke at various times during the short course were C. E. Hubbard of Topeka, Prof. Albert Dickens of Manhattan, W. L. Lashaw representing the state board of agriculture, Prof. J. P. Calderwood, Manhattan, and Prof. H. W. Davis, Manhattan.

MUSIC

NAUGHTY MARIETTA

"Naughty Marietta" as presented in the college auditorium Thursday evening, November 1, adds another achievement to the long string of success sponsored by the local chapter of the American Association of University Women. Victor Herbert's most delightful light opera takes its place beside the Denishawn Dancers, Otis Skinner and "Abraham Lincoln" as one of the fine things brought within the reach of the college by this organization.

Victor Herbert is one of the very few American composers who have been able, musically, to speak the American language. Your native American of anno domini 1928 insists upon melody, variety in tempo, tonal shading in his music, and Victor Herbert gives him all of that and plenty of it. The Charles Horner production of the "Naughty Marietta" loses nothing of what Rida Johnson Young and Victor Herbert wrote into the libretto and the score.

In retrospect the Horner production presents to the musing mind a pleasant remembrance of fresh and vibrant voices in the chorus, spirited and graceful movement, and delicacy and refinement in color composition that one does not seem to duplicate in anything seen before.

Three weak spots darken an otherwise brilliant picture. Ferdinand Zegel's "I'm Falling in Love With Someone" was sung in a very bad tenor; in his speaking parts, James Blaine was inclined to grow stogy and theatrical in the worst sense of the term; and Eva Briggs' naughtiness at times was a little extreme. On the other hand, Julia de Revuel-tas' Adah, Dan Marble's Silas Slick, and Aimee Torriani's Lizette were flawless in the sense of good opera comique. Although the Slave Dance took on a little too much of the gymnastic exhibition, both divertissements—the Spanish Dance of Helen Burwell, and the Slave Dance of Elizabeth Arens, and Vaughn Atkinson—added variety of a very acceptable kind.

In spite of the wretched night, one left the auditorium entirely oblivious of the elements, and with snatches of a half dozen melodies ringing in his ears—and that is the acid test for an opera. —C. W. M.

Jeannette Moves Up

Jeanette V. Nettrouer, '28, has been made assistant dietitian of Seaview hospital in New York City.

HONORARY SOCIETIES CHOOSE NEW MEMBERS

NAMES OF 44 NEW PLEDGES ANNOUNCED THIS WEEK

Phi Kappa Phi Elects 19 Seniors and One Graduate Student—Sigma Tau Adds 15 Alpha Zeta Nine

Three honor societies of the Kansas State Agricultural college announced elections to membership last week.

Phi Kappa Phi, national honorary scholastic fraternity elected 19 seniors and one graduate student. Each year Phi Kappa Phi elects approximately 10 per cent of the members of the senior class. Twenty per cent of the candidates for the master's degree who are not already members of the society may be chosen. Approximately half the total selections are made during the fall semester.

Eligibility to membership is based upon excellency of attainment in scholarship. It is required that the candidate rank among the upper 10 per cent of the seniors in his particular division. Each year seniors from all divisions of the college are elected.

Sigma Tau, honorary professional fraternity for engineering students, elected 15 to membership. Nine were chosen by Alpha Zeta, national honorary agricultural fraternity.

PHI KAPPA PHI LIST

Those elected to Phi Kappa Phi are as follows: division of Agriculture—Hobart P. Blasdel, Sylvia; Albert W. Miller, Manhattan; Leonard W. Koehler, Manhattan; division of home economics—Esther B. McGuire, Manhattan; Linnea C. Dennett, Lindsborg.

Division of engineering—Earl Sloan, Boise City, Okla.; James Irwin, Le Roy; Emerson Downie, Hutchinson; Ralph Miller, Norton; Charles Olds, Delphos; Arthur Dring, Pawnee Rock; division of general science—Carol Stratton, Manhattan; Nancy Carney, Manhattan; Helen V. Cortelyou, Manhattan; John Henry Shenk, Manhattan; Helen Heise, Topeka; Letha Schoeni, Athol; Mabel Grace Paulson, Whitewater; Renness Lundry, Arlington; graduate student—Arthur Andrews, Manhattan.

SIGMA TAU SENIORS

Seniors elected to membership in Sigma Tau, the engineering fraternity, follow: H. J. Barre, Tampa; T. R. Brennan, Bonner Springs; John R. Coleman, Wichita; P. J. Edwards, Athol; Robert McCormick, Oatville; J. C. Marshall, Manhattan; Ben Remick, Manhattan; J. W. Schwanke, Alma; and H. G. Wood, Topeka.

The junior engineers elected to Sigma Tau are: Vernon Beck, Topeka; Bill Bogges, Scandia; C. L. Brainard, Manhattan; Jasper Brubaker, Manhattan; H. A. Coleman, Denison; and Gordon Nonken, Manhattan.

Those chosen for membership in Alpha Zeta, national honorary agricultural fraternity, are as follows: T. W. Kirtan, Amber, Okla.; Henry Abell, Riley; Walter Powers, Neta-waka; F. A. Mueller, Sawyer; John Decker, Holton; Andrew Grimes, Greenwood, Mo.; Porter McKinnie, Glen Elder; O. E. Hays, Manhattan; and Fred Schultis, Sylvan Grove.

KANSAS TEAM WINS AT NATIONAL DAIRY SHOW

Marysville High Team, Coached by R. W. Russell, '25, shows Country How to Judge Livestock

Kansas won highest honors in the vocational agriculture students' judging contest at the National Dairy show when the Marysville team coached by R. W. Russell, '25, won both first team honors and the highest individual honors in the annual contest at Memphis, Tenn. To Raymond Cohorst of the Marysville team went the highest individual prizes, a \$400 scholarship, and a number of other trophies.

This same team won first place in the state high school judging contest at Manhattan last April. They also won first place in the dairy judging contest. By winning this last named prize they were given the right to represent Kansas at the national contest. Other members of the team were Harold Wassenberg, Harold Fulker, and Wallace Toedter.

PROGRESS OF KANSAS PRESS

F. E. C.

The Daily Republican of Burlington is building a new printing office building. The Republican folks started building operations early in October on a structure which is to be 50 by 90 feet. Like the new building of the Larned Tiller and Toiler, the Republican's building will have a small front yard to make the newspaper plant distinctive. The masthead of the Republican still carries John Redmond as editor-publisher, Fred S. Ecord as business manager, and Bill Batdorf as city editor.

Determined to encourage the passage of the two road amendments in the election yesterday the Russell Record of October 29 printed in red ink in a three column front page box the following:

Nine million dollars yearly from Federal Aid, gas and auto tax. Vote "yes" on the amendments and this amount will not have to be added to the land and property tax in order to improve the roads.

"Heard in Passing" is the name of an ingenious column used as a front page feature by the Miami Republican at Paola. Citizens of the Paola community express their views and opinions or give brief bits of unusual news in a short paragraph following their names.

Editor Walter H. Berger of the Overbrook Citizen likes to use box heads, which are scattered through the paper. A twenty-five year ago column bears the title "Memory Lane." Grade school notes are called "O. G. S. Inklings," and news from the rural high school is named "O. R. H. S. Siftings." Editorial matter and locals also have box heads.

Walter H. Keller publishes the Summerfield Sun, one of the state's good country weeklies. Keller himself is a native of Switzerland and has been in this country only about a decade.

One of the special editions of Kansas weeklies which should go down into history for 1928 is the special creamery edition of the Linn-Palmer Record. The edition, which came out June 8, contained 28 pages crammed full of ads of all sizes, many of them half page, page, and two pages in size. The entire edition was well printed and its editor Albert L. Hig-

gins deserves credit for a job well done.

The Waterville Telegraph has undergone several changes under the management of Wright E. Turner. Advertisements that were used on the top half of the front page have been submerged as far as the bottom corners of the same page, which helps the looks of the paper greatly. Turner recently changed to an all home print arrangement.

Correspondence of the Clay Center Economist is given a top head, the various decks of the headline telling the gist of the principal news contained in the letters from correspondents. This plan helps the looks of the page and gives prominence to the town and community from which the news letter comes.

A 16 page edition of the Belleville Telescope under date of November 1 could not go unnoticed. The Telescope recently went to seven column size, but the column width is still 13 picas so the Millers get a lot of copy crammed into 16 pages. The front page layout is attractive with a cartoon drawn by a local person urging everyone to vote on election day. A two column box advertising Republic county as the banner crop county for the second consecutive year also dresses up page one.

One of the newsy weeklies in Kansas, the Advocate-Democrat, published at Marysville by H. M. and L. R. Brodrick, uses the banner headline to good advantage. Each week this headline, not big and black, but set in a lightface 24 point type, may be found on the front page of the paper, immediately below the date line. Clever sentences, which are timely and localized, are used. A sample or two: "Marshall—the Corn County—Can Feel Chesty Over Its Wheat Crop, Too;" "The Weather Man Was Unfair in Refusing Fair Weather for the County Fair."

The Pratt Union, a weekly published by S. P. Gebhart, is usually composed of 16 pages, well printed and full of good live news. Country correspondence is grouped under a heading, "From all over the County," and box heads are used for personals, railroad news, and society.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, November 14, 1928

Number 9

HARD WHEAT STATES STUDY CROP'S FUTURE

SOUTHWEST AREA MUST UPHOLD QUALITY OF CROP

Various Agency Representatives Come to Manhattan for Discussion of Policies Which Shall be Followed in Research Work

Hoping to halt a gradual decline in the quality of hard winter wheat produced in the five southwest states of Texas, Oklahoma, Kansas, Nebraska, and Colorado, 150 persons representing grain interests in these and other states assembled at the Kansas State Agricultural college last Thursday to discuss the place of research as a factor in safeguarding the wheat industry in the great southwest plains area.

Those attending at the invitation of President F. D. Farrell, who was chairman of the conference, represented the experiment stations of each state, the United States department of agriculture, farmers, grain buyers, millers, bakers, editors, the railroads, and other agencies whose interests are related to the hard winter wheat industry.

AN INDUSTRY OF MAGNITUDE

The magnitude of the southwest's wheat industry was presented by President Farrell at the opening of the conference through the quotation of statistics covering the last 10 years. In these years the area devoted to winter wheat in these states has averaged more than 18,000,000, reaching in one year 22,000,000 acres. During the same 10 years the production in this area has averaged 248,000,000 bushels a year, varying from 152,000,000 to 312,000,000 bushels.

The farm value of the crop has averaged during the 10 years nearly \$327,000,000 annually, with the extremes being \$294,000,000 in 1927 and nearly \$630,000,000 in 1919. Granting, on the basis of these figures, the necessity of safeguarding the southwest's wheat industry, President Farrell pointed to the fact that the wheat produced in the area must be sold on a competitive market, with Canada as the principal competitor. To compete with the many millions of acres of rich, low priced, wheat lands of Canada and do it successfully wheat interests of the southwest must be mindful of three great factors, enumerated by the K. S. A. C. head as follows:

THREE IMPORTANT FACTORS

(1) the quality of our wheat, (2) the cost of producing it, and (3) the cost and efficiency of distribution.

Around these three factors an all day discussion, unrivalled for real worth and interest on the part of those attending, followed. Special emphasis was given to the matter of maintaining a high protein content in wheat grown in the area and to economic phases of the industry, with stress on marketing problems and the reflection of protein content premiums back to the farmer who deserves such premiums.

The importance of returning to the painstaking farmer a cash premium for high protein content was repeated by J. C. Mohler, secretary of the Kansas state board of agriculture, who was toastmaster at the evening session of the conference. It was referred to again in a brief talk by Senator Capper who discussed the necessity of studying more and more the economic side of the wheat industry. In considering the importance of high quality and yield, the senator declared, various problems of marketing should not be slighted, since much must yet be done to eliminate faulty practices in grain markets—practices which rob the farm producer of a portion of his profit.

INSIST ON QUALITY PREMIUM

That matter of paying the grower a premium for high quality was stressed again by Carl Williams, editor of the Oklahoma Farmer and

Stockman. Not until the producer gets that premium will he be greatly interested in guarding the protein content of his wheat, and he will not get the premium until a simple inexpensive, and direct way of determining protein content at local markets is obtained.

The conference adopted the report of the research program committee recommending the appointment of a permanent southwestern wheat research committee whose duties shall be to act in an advisory way over research for the area and to coordinate the efforts of the several agencies represented. On this committee President Farrell will appoint at least one representative from each state experiment station, and the United States department of agriculture, and there will be chosen one or more from each farm organization in each of the five states and from each of the agencies represented at the conference. The organizations and the agencies will be allowed to choose their representative on the committee.

ASK U. S. FOR FUNDS

The conference finance committee, headed by Mr. Williams, recommended that all interested agencies join in a request to the federal government for the sum of \$150,000 to be added to appropriations of the United States department of agriculture for the fiscal year 1929-30 for research work on the problems of hard red winter wheat. The request made special reference to problems of improvement in quality, productiveness, disease resistance, and the economic status of the wheat industry.

The request for additional funds with which to carry out the research program was made with the long time idea and hope of putting more dollars in the pocketbook of the farmer of the southwest and of building a finer type of happy, prosperous rural people on the farms of the area.

The hard red winter wheat industry of the five states principally concerned is in competition with the producer of Canada, the Argentine, and to a certain extent Australia. Dr. Alanzo E. Taylor, director of the food research institute, of California, told those who attended the evening conference.

EXPORT POOREST OF CROP

Europe, including Russia, will be for a considerable time an in-and-out factor affecting the exportation of wheat, Doctor Taylor declared. The wheat grower of the southwest can learn a valuable lesson in marketing from the specialty producers. The apple growers were used for illustration. They sort and pack their product carefully, ship it across the ocean, advertise and merchandise it well, and sell it at top prices in European markets.

On the other hand, the best wheat of America is largely used in home consumption, while the poorer quality wheat is sold abroad under a system which "literally exports the culls of the crop," and takes a consequently inferior price.

AGGIE LIVESTOCK TEAM COMPETES IN WICHITA

First Contest to be Followed by American Royal and International Judging Events

A livestock judging team which represents the Kansas State Agricultural college will compete in a collegiate judging contest at the Kansas National Livestock show in Wichita tomorrow. On November 17 the team will judge in a similar contest held in conjunction with the American Royal at Kansas City.

A third contest will be entered at Chicago, December 1, during the International Livestock show.

Members of the team selected and coached by Prof. F. W. Bell are Otto E. Funk, Marion; Dale Scheel, Emporia; Edward Crawford, Stafford; Waldo H. Lee, Keats; Francis Im-Masche, Saffordville; S. S. Bergsma, Lucas; and I. K. Tompkins, Byers.

AMES CYCLONES NEXT ON WILDCAT SCHEDULE

'DOPE' EDGE RESTS WITH IOWA STATE ELEVEN

Aggies Suffer Few Injuries in Missouri Game—Tussles With Workman and Cornhusker Teams All That Remain On Card

Two chances of breaking into the Big Six conference victory column remain for the Kansas Aggie team, and unless all signs fail the Wildcats would do well to concentrate on Ames this coming Saturday, as after the Iowa Aggies come the potent Nebraska Cornhuskers. The Ames team started the season by losing games to Nebraska and Missouri, then tied with Kansas and surprised Oklahoma by giving the Sooners a two touch-down trimming.

The Cyclones had a rest last Saturday, and expect to be well primed for the invasion of Coach Bo McMillin's team this week end. Captain Harry Lindbloom, a backfield man, is reported as the big gun of Coach Noel Workman's eleven, and it is toward stopping him that the Kansas Aggies will devote not a little of their effort.

NOT MANY CASUALTIES

The K. S. A. C. team came through the Missouri game with no major casualties, though K. C. Bauman, a guard, was badly cut about the head in a pileup. Bauman was dazed for nearly half the game, but played so well as to lead one of the sidelines enthusiasts to urge that the remainder of the line be knocked into a daze.

The Wildcat team played better against Missouri than against Oklahoma or Kansas, but still showed that it has not yet reached its potential power—and apparently will not, this season. After a nightmare of a first quarter the Aggie defense stiffened, and from then on the game was close and interesting.

Alex Nigro, sophomore halfback, got into the game after nearly three weeks of rest, and scored the only Aggie touchdown after he and Weller had advanced the ball within scoring distance by a series of speedy end runs behind good interference.

The Wildcat team started its week of preparation for the Ames game with a brief resume of the Missouri game, and then a light scrimmage against Ames play.

Coach McMillin will take a fairly heavy line between tackles to Ames, though it is possible that some of the heavier linemen who have been starting will be benched in favor of lighter men who have been exhibiting a little more drive.

NEW ENDS GET CHANCE

Up to the Missouri game Bill Towler, 175 pounds, a letter man, and Bill Daniels, 180 pound sophomore end, had been starting, but H. A. "Red" Dimmitt, who weighs a trifle under 160 but has lots of fight, played most of the Missouri game at Daniels' end. Bill Bokenkroger, 170 pound sophomore, may get to start against Ames at end.

Lack of efficient signal-calling has been one of the Aggies' chief handicaps this year. Marion Evans, 147 pound letter man, and Tad Platt, a sophomore, appear to be the best of the field generals, but neither have entirely filled the place. Both are fairly good halfbacks but lack the variety of football experience essential to directing the plays.

If one is inclined to juggle with figures, Ames has a "dope" edge over the Aggie team. The Cyclones lost to Missouri by about 10 points, tied with Kansas, and trounced Oklahoma, the results of each game being somewhat better than those turned in by the Wildcats. Ames has somewhat of an "in and out" eleven, however, and the Aggies expect to make Saturday one of the "out" days.

Bulletin Requests from Afar

Inquiry for bulletins published by the engineering experiment station of K. S. A. C. come from a wide range

of territory, according to Dean R. A. Seaton. Recently a request for bulletin No. 21 "The Use of Electricity on Kansas Farms" came from the Provincial library, Winnipeg, Canada. The station has had requests from points as far away as Australia.

FRIENDS U. HEAD TALKS ON FUTURE OF COLLEGES

"Those on Campus Are of Two Classes—Students and 'Residents'" Says Dr. W. O. Mendenhall

"The people attending the American colleges today can be divided into two classes, students and 'residents of the campus,'" said Dr. W. O. Mendenhall, president of Friends university of Wichita, in addressing the student forum Tuesday on "What's Happening to the American College." One of the biggest questions that the college of today has to contend with is what to do with these 'residents of the campus'? Shall we have a separate college for each of them? If so, how shall we distinguish which of them shall play football? Or shall we set our standards of selection so high that only the students who now constitute 30 or 40 per cent of those attending, will be able to gain entrance? Could we exclude the other 60 or 70 per cent and still claim democracy?"

"Shall America extend her period of education to colleges as she did to high schools?" is another question confronting American educational systems, Doctor Mendenhall said. "Soon after the World war ended there was a sudden rise in the attendance of colleges because the students saw that college training got them farther, as in the army it was the college trained men that were made commissioned officers. This increased attendance caused a widening of college curriculums to fit this new group. More students were attracted by this branching out of the course of study and as a result the colleges found themselves swamped.

In an effort to remedy this condition methods of selection were created such as rigid entrance examinations, which Stanford uses. Dartmouth selects its students according to their preparatory school scholastic record and other schools are using similar methods in choosing their students."

In conclusion Doctor Mendenhall expressed himself as being very glad of the opportunity to present some of the many questions that American colleges are facing.

VACCINATE FLOCKS TO PREVENT CHICKEN POX

New Virus Used On Western Coast Indicates Effectiveness in College Trial

A new method of vaccination used this year by the poultry department of the Kansas State Agricultural college gives evidence that it may be highly successful in the control of chicken pox of poultry. The virus used in the vaccination has been applied to all the birds at the poultry farm, the poultry and bacteriology departments cooperating in the experiment.

During the winter months when egg prices are the highest chicken pox appears in the flocks, greatly reducing the vitality of the birds and at times causing heavy mortality. As a result there is a lowering of egg production. Symptoms are first noticed with the appearance of small blisters on the comb, which later become very dark colored scabs. The eyes may then become affected and a discharge comes from the nostrils. Small scars may be left on the comb after healing.

To accomplish the vaccination three to five green feathers are removed from over the thigh of the chicken. This exposes the follicle which is painted with a small brush previously dipped in the virus, giving the birds a very light case of chicken pox.

ROUND WORMS HARM SMALL CHICKS MOST

SURVIVING FOWLS APPEAR TO BE UNHURT

Dr. J. E. Ackert Gives Results of Research With Nematode Ascaridia Lineata—Works on Methods to Control Parasites

Dr. J. E. Ackert, professor of zoology, in collaboration with Dr. C. A. Herrick is the author of the leading article in the last issue of the Journal of Parasitology, a technical periodical on medical zoology.

The article is called "Effects of the Nematode Ascaridia Lineata on Growing Chickens" and is illustrated by photographs and statistical tables. The data given are the result of six years experimentation and are a valuable contribution to the science.

WORM CAUSES UNTHRIFTINESS

"The importance of round worms in the poultry industry has been problematic, as a high percentage of adult chickens harbor a small number of these parasites with apparently little injurious effect," says Doctor Ackert in the article. "In recent years, however, much of the unthriftiness of chickens has been attributed to these worms by poultry specialists. In the absence of experimental evidence on the effects of the nematode on its host, the writer, in 1921, began a series of experiments on chickens, using as a parasite the fowl Nematode Ascaridia Lineata.

"It was found that the effects of the nematode were most marked during the first month. The symptoms which were most pronounced in young chickens during the first three weeks of parasitism were sluggishness, loss of appetite, rough feathers, drooping wings, loss of blood, and body weight. The chicks that survived three weeks usually recovered, gradually gained strength and improved their plumage until they eventually approached and sometimes exceeded the non-infected ones in vigor, appearance and performance.

NO EFFECT ON EGG RECORDS

"The egg record of the parasitized group and the controlled group of pullets was kept, but the results failed to indicate that the egg production was reduced by parasitism either in number or size of eggs."

Experiments are now being made to find methods to control this parasite. It has been found that if chicks are kept free from the parasites for three months they will not be harmed by the worms. According to a recent statement by Doctor Ackert, the effects of this parasite on chickens may be prevented by growing the chickens in confinement until three months of age when their body resistance is so developed as to protect them against the harmful effects of parasitism.

DR. HARMON STUDIES, SEES SIGHTS IN EUROPE

She Is Busy With Textbook, Already Partially Completed

Dr. M. T. Harmon, professor of embryology at the college, is traveling and studying in Europe, and writing a textbook on embryology. At present she is in England where she has attended meetings of the British Association for the Advancement of Science and has spent a great deal of time in the British Museum studying embryology. She has met many of the leading scientists of England.

She already has written six chapters of her text book. Letters from her indicate that she is having a delightful time sight seeing and visiting and in addition is doing some intensive studying. She will not return until late next summer.

Will Speak of Soils

Dr. W. P. Kelley, professor of agricultural chemistry at the University of California, will address members of the college Science club tomorrow night on the subject of "Alkali Soils."

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, President..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
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Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.



WEDNESDAY, NOVEMBER 14, 1928

PIONEER DAYS ARE OVER

A number of farm papers are changing their policies, either gradually or suddenly, to include more cultural and entertaining reading matter. "Emphasis on enjoyment of life," is the way one editor put it recently.

The reason for this change is significant. The editor in question spoke as though farm editors had suddenly turned reformers and nobly decided to give their readers something besides purely practical formulas just because the readers ought to be getting more fun out of life than they do.

But the fact is, people on the farm have been enjoying life for some time now, and farm editors have suddenly awakened to the fact. The change in the content of papers that go to rural readers merely reflects the change which is taking place in the readers themselves. Their interests are changing. Or rather they are just now having time and opportunity to satisfy long existing interests and desires.

The men are already making their lawns and houses as attractive as their barns are commodious and adequately equipped, and buying radios as well as tractors; the women are choosing clothes that are pretty as well as durable, and the whole family is coming to town for a movie without even an excuse of an "errand" to do. In brief, they are satisfying natural hunger both for a good time in life and for a more cultured existence—a hunger too often suppressed in favor of "grim duty" by parents and grandparents.

In the last few years agricultural colleges and farm papers have told the farmer much about farming scientifically and making farming pay. In doing so they helped to emancipate him from the days of pioneer farming when the land sapped all of human energy. Now, after the farmer has done his day's work efficiently and with profit, he has time, energy, and money for enjoying life as he goes along.

The cultural and recreational interests of people who live on the farm today are essentially the same as those who live in the cities. But it is harder to satisfy them on the farm, especially the cultured ones. It is still too hard to keep up with the best literature, to find out what modern art is all about, where and how to buy it, to know whether New England or Spanish architecture—or neither—is suitable for Kansas prairies, to interpret present day poetry, to learn the psychology of intelligent human relationships, to find out how to express personality in dress, in homes, and in art. If the farm papers are going to help out on all this, huzzahs for the farm papers!

LOOKING INTO WHEAT RESEARCH

Representatives of the hard red winter wheat industry of the five southwest states—Texas, Oklahoma, Kansas, Nebraska, Colorado—congregated on the campus of the Kansas State Agricultural college last Thursday, talked of economy in production, the maintenance of high protein con-

tent, marketing methods, and a dozen lesser phases of these subjects.

The conference was to discuss the place of research as a factor in safeguarding interests of the industry. Research programs of each state were presented, together with further needs of each. The United States department of agriculture presented its work as it affects the southwest; the miller made known his problems; the baker told of his; the farmer was represented by honest to goodness farmers; the railroads were represented; many editors attended.

Speakers told hurriedly but accurately and adequately problems of the various groups represented, and all went away with a more definite idea of the difficulties of each. A definite research program for this great industry of the southwest was outlined and a permanent research committee for the area provided.

Others profit by an exchange of ideas—barbers, school teachers, dentists, policemen, or what will you. It seems research—a science—should also. Comment following the conference indicated that it would.

JUST A THOUGHT

Harvest home. The land is resplendent to excess. It is indulging in an unrestrained maturity, in a veritable ecstasy of fruition. Strange that Puritan characteristics should have survived so long in this environment.

BOOKS

How to Control the Masses

"Propaganda Technique in the World War" by Harold D. Lasswell. Alfred A. Knopf, N. Y.

From the disillusioning distance of ten years time, many of us are amazed if not ashamed or chagrined, that we should ever have been in the proper emotional state to sanction war and see it through. How could we have trusted so much and hated so passionately?

Prof. Harold Lasswell, of Chicago university, accounts quite clearly for the mass psychology of wartime. His book on propaganda is a comprehensive and scientific analysis of the intricate propaganda organizations of the principal participants in the World war, and of the numerous and powerful psychological appeals made in the various countries to foster animosity toward the enemy, preserve friendship between allies and neutrals, and to demoralize the enemy.

The so-called atrocity stories, those intriguingly gruesome tales which have "Rattled down Christendom since the crusades" and seen venerable service in many wars are treated as only one method of "satanizing" the "enemy." According to Lasswell, we would have war hate without them. They merely intensify.

"When the public believes that the enemy began the war and blocks a permanent, profitable, and godly peace, the propagandist has achieved his purpose," he points out. When one reads how easily the prospective enemy was made to seem the aggressor, one grows dubious about the power of the outlawry of war treaties which contain aggressor exceptional clauses.

Intended merely as a scholarly account of the propaganda in the last war, this book is so thorough and so clear that it impresses one as a perfect textbook on how to win popular approval and support of another war. But it could as well serve as a warning or be used to teach the secrets of propaganda to those who would use its power to foster peace. —Lillian H. Neiswanger.

A HERO OF NEW GERMANY

Dr. Albert Einstein, interrupted in his little apartment house study in Berlin, stormed for a moment at the intruder. Then he announced that he is working on a theory that may startle the world more than his doctrine of relativity. This vague statement gained a column on a front page crowded with campaign news. Many who read it must have reflected that the retiring savant, his modest den, and his scientific absorption present a strange contrast with the front page news from Germany just 10 years ago.

It must be said that it also presents a triumphant contrast. The Germany that 10 years ago was still battling for life—the Germany of von Moltke, Bismarck, the kaiser, von

Tirpitz, the general staff—is as dead as the Bourbons. The Germany of von Humboldt, Helmholtz, Bunsen, Koch, Rontgen, and Virchow lives on, and in Einstein has given us the greatest of mathematical physicists since Newton. Indeed, the Germany of science and scholarship has perhaps gained rather than lost since a defeat which converted a military empire into a republic of civilians. Whether we say Doctor Einstein represents the new Germany or the old ante-Bismarckian Germany, it is the Germany the world prizes. —From the New York World.

AN ARMY OF LEADERS

What I wish to show here is that the colleges at present are suffering from an overemphasis upon the idea of leadership and that a man of 22

nate the annual loss in farm killed and cured meats.

TWENTY YEARS AGO

Professor McKeever read a paper before the Northwest Teachers' association at Concordia during the Thanksgiving session.

Dean J. T. Willard attended the annual meeting of the Association of American Agricultural Colleges and Experiment Stations.

Miss Ula Dow gave demonstrations in bread and cake making and on the use of the fireless cooker, at a two-day session of the farmers' institute at Emporia.

Miss Ella Weeks and Miss Elizabeth Putnam of the department of architecture and drawing prepared a set of original designs for the 1909 Y. W. C. A. calendar, which were

Culture in a Commercial Society

From "The Intelligent Woman's Guide to Socialism and Capitalism" by Bernard Shaw

Professional men and civil servants, when they are not incurable old fashioned snobs who regard trade as beneath the dignity of their family, and when their sons have no overwhelming aptitude for one or other of the professions, advise them strongly to go in for business. The man of business may not have much chance of a public statue unless he pays for it and presents it to his native town with a spacious public park attached; and his occupation may be a dry one in itself, however exciting the prospect of pocketing more and more money may make it. But he can make profits not only out of his work, like the surgeon or painter, but out of the work of thousands of others as well.

And his work is not necessarily dry: modern businesses tend to become more interesting and important, and even more scientific, than average professional work. Their activities are much more varied: in fact modern commercial magnates, when they control a dozen different businesses, become better informed and better developed mentally than the rank and file of the professions. What is more, they are learning to snap up the ablest university scholars and civil servants, and take them into partnership not as office managers but as thinkers, diplomatists, and commercial scientists.

It is in industrially undeveloped countries that professional men rank as an aristocracy of learning and intellect: in European centres today commercial society is a more effective reserve of culture than professional society. When the professional man or the public servant tells his son that a berth in the civil service is a blind alley, or doctoring at the call of the night bell a dog's life, contrasting them with the unlimited prospects and the infinite scope for personal initiative in business, he is recommending the young man to improve on his father's condition instead of starting him on the downward path socially.

who goes back to his community with an exaggerated confidence in his ability as a leader will be of very little use to himself and of none to the community.

Fortunately, however, most undergraduates of the present are thicker-skinned. Upon such the everlasting talk of leadership at high school and college commencements make little impression. There is so much nonsense in the air nowadays that they have established a toleration to it. They can resist a good deal of it, even when it comes, as in this case, from above. They often have more common sense than their elders. They know that a leader is one who has followers. The 2,000, 5,000, or 10,000 men in any one college cannot all be leaders. Only the straggling faculty would be left to follow them. Even this country, which has less than 30,000 names in Who's Who, cannot make a place for the 700,000 reputed leaders now in the colleges, and where would we be if all these leaders ever started to march in different directions? —Christian Gauss in the Saturday Evening Post.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Dean Van Zile was on the program of the annual convention of the Fourth District Federation of Women's Clubs held at Council Grove.

Meat cutting and curing demonstrations were carried on in 20 farm bureau counties in an effort to elimi-

printed by the college printing department.

THIRTY YEARS AGO

A course of lectures was delivered at the Ashland school by the faculty of the college.

S. N. Chaffey of the preparatory department received notice from the state board of education that he was granted a state teachers' certificate.

FORTY YEARS AGO

In the college library there were more than 8,000 bound volumes and about 2,500 pamphlets.

G. F. Guy, a student from 1882 to 1884, resigned the position as station agent at Riley and entered the stock and grain business.

FIFTY YEARS AGO

The board of regents held its regular meeting.

An editorial about women and politics by Mrs. Jennie S. Platt appeared in THE INDUSTRIALIST.

Not an immature, innuendoed glint, but a burnished, hardy, indubitable glow is autumn's. All that is auriferous has been mellowed here. Poppy of July, nasturtium of August, zinnia of September, October's dahlia! Like a guinea gleams the harvest moon. Brass in the vegetable garden—pumpkin, squash! Bronze on the hill—oak! Gold in the fields, goldenrod, "butter-and-eggs!" Copper on the road, sunflower, black-eyed Susan!

Autumn is a bank of gold. —From the Christian Science Monitor.

YALE MEMORIAL ODE

Brian Hooker

There's a clamor of many voices,
There's a murmur of marching feet,
And a music that rejoices
Where the ranks move down the street.
Friends with the hearts of strangers,
Boys with the eyes of men,
And souls that have gone with dangers
And slept, and risen again.
Among them, above them, around them,
The unseen legions throng;
With the gold of our dreams we have
Crowned them,
And their robes are the sound of our song.
Therefore with banners burning,
With lights and with garlands
Dressed,
Honor to those returning—
Honor to those at rest.

SUNFLOWERS

H. W. D.

A JOB FOR JOHN PUBLIC
Among the many people whose wisdom we sincerely respect is an old colored lady. She steadfastly and stubbornly refused to take part in the late contest between Herbert Hoover and Alfred Smith.

Mandy magnificently holds herself aloof from people who run for public office. They don't even register with her. And here is the reason.

"Ah ain't a gona vote fo' nobody, ah tells ye, 'cause aftah you 'lecks 'em, dey ain't whut dey wuz."

If you are interested in democracy, for which this dear old world has recently been made more or less safe, you can well afford to stop and consider her words and the rebellious attitude of the free intelligence back of them.

Democracy, all that has been gloriously said about it to the contrary notwithstanding, is still in its swaddling clothes, playing with the noisy rattle of elections and amused by the antics of professional politicians.

We have just passed through the most interesting national election in the memory of middle-aged voters. We have spoken decisively our sentiments in regard to some things that we think concern us. Some of us have been considerably "riled." But today hardly one in ten remembers what it was all about—nor cares. And not one in a hundred intends to do anything about it, even if he does care.

Today, only a week or so after a bitterly fought struggle, we find ourselves wondering what Governor Smith will do now that he has nothing else to do, what places in Central and South America President-elect Hoover will visit, what Mrs. Hoover will wear when she sails, how many press representative will go along and why, whether the trip will be as successful as Lindbergh's, and what Mr. Raskob is going to do with the late lamented Democratic national organization if anything.

Not enough people are thinking about the platform and the promises of the Republican party to raise a respectable whimper if that platform and those promises are quietly swept into the limbo of forgotten things. Of course the professional politicians of the opposition are watching, but their hope is not that the promises will be kept. They hope that they will not be kept. Only glaring breaches of promise will interest them.

Democracy in these United States will begin to function whenever John Public is more interested in an election a week after it has happened than he was the week before. The pressure of public sentiment must act oftener than one day in four years if it is to be noticeably effective. If the voice of the people is the voice of God we should be willing to listen to it as often as we listen to the voice of our favorite broadcaster.

It is the business of democracy to teach the voice of the people to lift itself in something other than protest. Protesting is lots of fun, but it's too much like locking the garage door after the mortgaged motor has been stolen.

After John Public chooses his servants he should take his seat astride their necks and insist that they go in the direction they promised to go, "cause aftah you 'lecks 'em, dey ain't whut dey wuz."

AMONG THE ALUMNI

Virginia (Deal) Grosser, '25, and Mr. Grosser are living in Salina.

Amanda Rosenquist, '20, is living at 1274 Garfield avenue, Topeka.

Morris Halperin, '28, is located at 2222 Bancroft way, Berkeley, Cal.

Ray Adams, '27, is living at 123 East McCarty street, Jefferson City, Mo.

Archie L. Morgan, f. s., is located at 339 Hibbard avenue, Jackson, Mich.

Nina Browning, '23, M. S. '27, is teaching in the high school at Greensburg.

Dorothy Hulett, '27, is teaching in the Sherman Junior high school at Hutchinson.

Katrina Kimport, '18, is instructor in mathematics in the Glendale, Ariz., high school.

F. M. Wadley, '16, is working in the United States corn borer laboratory in Sandusky, Ohio.

Ray Henry, f. s., is a successful farmer and a member of the high school board at Wilsey.

Helen Greene, '27, is successfully operating the Clarissa Green Dinette in New Tower, Miami, Fla.

Helen (Henderson) Robinson, '09, and Mr. Robinson are located at 1909 Jackson street, Amarillo, Tex.

E. D. Richardson, '06, leads his own manufacturing company of thrasher supplies at Cawker City.

J. Glenn Barnhart, '27, is an assistant to the chief engineer of the Empire companies in Bartlesville, Okla.

James M. McArthur, '15, is in charge of school gardening in New Orleans. He lives at 5310 Loyola avenue.

Edith Ames, '27, is teaching her second term in the Arkansas City high school. Her address is 510 North Fourth street.

Genevieve Mickelson, '28, sends payments on her life membership pledge from her home at 528 Chestnut, Leavenworth.

Inez E. Kent, '17, is district home demonstration agent in Idaho with headquarters with the extension division, State house, Boise.

Kennis Evans, '28, is living at 1906 South Fifth avenue, Maywood, Ill. He is employed by the Public Service company of Illinois.

W. A. Anderson, '91, is a lumberman in Shreveport, La., but he also finds time for the duties of president of the Shreveport Civic league.

Nelle (Wilkie) Goldsmith, '18, and Mr. Goldsmith are located in Whittenburg, Tex., where Mr. Goldsmith is with the Phillips Petroleum company.

Ray H. Moran, '23, asks that his INDUSTRIALIST be sent to 1253 Peabody avenue, Memphis, Tenn. Mr. Moran is with the Larabee Flour Mills company.

W. C. Howard, '77, 1055 North Kingsley drive, Los Angeles, requests THE INDUSTRIALIST and sends best wishes to the alumni association, "in the interest of one of the best colleges."

Claude H. Moreland, '28, requests that his INDUSTRIALIST be sent to box 1244, Wichita. Mr. Moreland is local manager and landscape architect for the Midwest Nursery and Landscape Development company.

Sue Unruh, '22, is teaching in the Northwest Junior high school, Kansas City, Kan. She writes that she would not have missed the homecoming activities this year as she spent an enjoyable weekend in Manhattan.

MARRIAGES

NUTTLE—NYLAND

Mr. and Mrs. C. R. Nuttle of El Dorado announce the marriage of their daughter, Mary Esther, '26, to Carl M. Nyland of Astoria, Ore., at their home October 7. Mr. and Mrs. Nyland are at home at 594 Jerome avenue, Astoria.

OETINGER—COCKRELL

Edna M. Oetinger, '18, was mar-

ried to Ernest C. Cockrell, last April 1. Mrs. Cockrell is teaching in the Antelope Valley Joint Union high school at Lancaster, Cal. Mr. Cockrell is with Libbey McNeill Libbey company, Selma, Cal.

LAPHAM—HUMPHREY

The marriage of Bertha Harriet Lapham, '26, to Wilbur Humphrey, '24, took place at the home of the bride in Manhattan November 8. Following a short wedding trip they are at home in Beverly where Mr. Humphrey teaches in the high school.

DUCKWALL—CLAYCAMP

Mr. and Mrs. A. L. Duckwall of Abilene announce the marriage of their eldest daughter, Dorris Moyne, f. s., to Arthur William Claycamp, at their home November 3. Mr. Claycamp is a salesman for the Miller-Roth motor company of Topeka where they will make their home at 1628 South Topeka boulevard.

CRITTENDEN—MARTIN

The marriage of Helen M. Crittenden, f. s., of Herington and Claire A. Martin, f. s., took place in Abilene November 6. Mrs. Martin will continue to teach at Garfield and Mr. Martin will continue his duties as county superintendent of schools in Dickinson county. They will make their home at 519 N. Cedar, Abilene.

BIRTHS

Dwight W. Grant, '28, and Mrs. Grant of East Orange, N. J., announce the birth of Anita Genevieve October 30.

Norris Thomasson, '25, and Edith (Reece) Thomasson, '24, announce the birth of their daughter, Jean Charlotte July 25. Mr. Thomasson is connected with the Empire companies in Tulsa, Okla. They live at 1120 South Gary place.

DEATHS

DEAN

Marie (Kent) Dean, f. s., 1919-'21, died September 9 leaving a small daughter, Marilyn, 18 days old.

AGGIE CROSS COUNTRY TEAM TRIMS TIGER RUNNERS 19-36

H. A. Miller Sets New Course Record in Dual Meet

The Kansas Aggie harriers easily won their first and only dual home race of the season Saturday when they defeated Missouri 19 to 36, winning six of the first eight places.

Harold Miller, Aggie star, won the five mile race in 26 minutes and 12 seconds, the fastest time ever made over the course in a dual meet. Miller finished a quarter of a mile ahead of his nearest rival without exerting himself at the finish.

Winburn of the Aggies and Voights of Missouri staged a thrilling race for second place in the last quarter of a mile. Voights entered the stadium about 150 yards ahead of Winburn and managed to ward off the Aggie's final sprint, winning by a yard.

Assistant Coach Moody predicted a good showing of his men in the valley meet.

Allison, Collins, Stover, and Wood of the Aggies ran unattached and finished ninth, tenth, thirteenth, and fourteenth respectively. Their places did not count as each team was limited to six men. The showing of these men promises a strong team for next year.

The Aggies will have a dual meet with Iowa State at Ames next Saturday.

The men placed in the following order:

Miller, Aggies; Voights, Missouri; Winburn, Aggies; Gile, Hoynes, Faulconer, Aggies; tied; Weinke, Missouri; Richardson, Aggies; Applenian, Missouri; Steel, Missouri; Ham and George of Missouri, tied.

Fisher Teaches at Beverly

H. Kenneth Fisher, '28, attended the Aggie-M. U. football game and visited friends in Manhattan over last weekend. Mr. Fisher had been at Topeka attending the teachers association meetings and was enroute to his school teaching in Beverly.

THREE NEW MASTER FARMERS ARE AGGIES

AND THEY SEND CHILDREN TO K. S. A. C., TOO

F. J. Habiger, '09; H. W. Avery, '91; and M. T. Kelsey, f. s., Are Among 10 Honored as Super Craftsmen by Capper Paper

Of the 10 new 1928 master farmers of Kansas two are graduates and one is a former student of K. S. A. C. and eight have children who have graduated or are at present at K. S. A. C. The following citations are taken from the Topeka Daily Capital, a member of the Capper publications, which are sponsoring the master farmer movement in Kansas. Speaking of F. J. Habiger, '99:

KNOWS EVERY FIELD

"Knowing exactly how every field produces each year is the keynote to success in Mr. Habiger's farming. He makes it his business to see that his land has enough energy to produce well next year, just as much as it is to see that each field produces to the best advantage in the current year. Wheat is the money crop in his section, but seed corn that brings a premium over market prices and livestock also are important factors.

"On this farm is a grain elevator that handles the grain with a minimum of human labor. Likewise field work is handled with the same idea in mind. A tractor has been used for seven years, and the farm couldn't be operated without it. The same thing holds true with the combine that has been in service for six years. It has cut the expense of harvest markedly. The Habiger farm is a good example of limited man-power doing the maximum amount of work as it should be done with the aid of proper equipment. A daughter was graduated from the Kansas State Agricultural college, a son now is in attendance there, and Mr. Habiger was graduated from K. S. A. C. in the class of 1899."

Of H. W. Avery, '91, the Capital says:

"You talk to a cattle man when you visit Mr. Avery on his 725 acre farm. He has been through the mill with them, enjoying the prosperous times and sticking to his job through thick and thin when things were not so fine. Hogs and poultry always have been dependable, and now the dairy herd is more than paying all current bills except labor. Back in earlier days the name Avery was associated with good horses. Mr. Avery's father brought the finest purebred Percheron to Kansas. But this is a power farming age, and our master farmer has replaced a good many head of horses with two tractors.

"It isn't likely that a finer farm home could be found in Kansas than the one in which the Avery family lives. Every modern convenience is to be found here and out on the farm, electricity grinds feed, shells corn, elevates the grain and handles motors for numerous jobs.

EACH CHILD EDUCATED

"A good education for each child is of paramount importance. One daughter is working on a master of arts degree in Columbia university, New York; one son has graduated from high school and is attending college this winter, and the other son is in high school and was on the honor roll all during 1927. Naturally he will go to college. Mr. Avery is a member of the Farm Bureau, the Grange and the Farmers' union. He was the first president of his county Farm Bureau, is a member of the rural high school board and is on the board of directors of three fair boards, including the Kansas State fair. He also was an officer in the state board of agriculture, and was in the state senate at one time."

And of M. T. Kelsey of Topeka, a former student of K. S. A. C.:

"Potatoes, alfalfa, corn, and hogs are the cornerstones in Mr. Kelsey's farming operations, and soil improvement, certified seed, seed treatment and careful grading are cited as the most profitable items. This is a second Kaw valley man who has been found worthy of the title of master farmer. He is exceedingly careful in his crop rotation and in his fight against insects and diseases.

A FIRST CLASS HOME

"His system of farming is just as

studied as any that might be named in the commercial field. Three tractors handle much of the heavy work. Electricity grades the potatoes, pumps the water and runs drills and grinders. On the Kelsey farm the buildings all are efficient and in good repair. The home is in the top class. Here electricity operates everything from toaster to refrigerator.

"One son attended the Kansas State Agricultural college and one is in high school. The older boy now is farming. Neighborliness on the part of Mr. Kelsey helped a boy through three years of college and a blind man to get started in a business for himself. Mr. Kelsey is a member of the Farm Bureau and the Grange."

K. S. A. C. ACTS AS HOST TO ENGINEER SOCIETY

Prof. J. H. Roberts Elected Secretary of Kansas-Nebraska Section, S. P. E. E.—75 Attend Sessions

The Kansas-Nebraska section of the Society for the Promotion of Engineering opened a two day session here last Friday evening with about 75 members present. The delegates included faculty members from the engineering departments of K. S. A. C., of Kansas university, and of Nebraska university.

Friday evening, after a banquet at the Masonic temple, the faculty members went to the college engineering building for the first business meeting. There the program was opened with a talk by Prof. E. E. Brackett of Nebraska university, who spoke on "Freshman Engineers' Day at N. U." He told how an entire day is devoted to the engineering freshmen by the faculty. Prof. G. J. Good of Kansas university discussed freshman week there.

Professor J. O. Hamilton, head of the physics department of K. S. A. C., analyzed the summer session for teachers of physics held at Boston last summer, and Prof. R. G. Kloeffler, head of the electrical engineering department here, gave a talk, and in addition showed some motion pictures taken at Pittsburgh, Pa., where he had attended a summer school for teachers of electrical engineering.

Two resolutions were adopted at the meetings: one paying tribute to the late Dean Walker, of Kansas university, and another to send the best regards of the society to Dean G. R. Chathorn of Nebraska university, and regrets that he could not be present at the meetings.

At the Saturday morning session the topic "How Engineering Instructors Better Their Professional Standings" was the subject of Prof. F. W. Norris, of Kansas university, and the discussion following was led by Prof. J. P. Calderwood of K. S. A. C.

Prof. F. N. Raymond of Kansas university and Prof. L. E. Conrad of K. S. A. C. reported on "The Chapel Hill Meeting of the Society for the Promotion of Engineering Education."

"The spirit of comradeship built up by these section meetings is immensely worthwhile," said Prof. L. M. Jorgensen of K. S. A. C. "Much of the success of the meeting this year can be credited to the efforts of Professor Dawley, as chairman of the arrangements committee."

The presiding officer was Prof. O. E. Edison, head of the electrical engineering department at Nebraska, and president of the Kansas-Nebraska section of the society.

At the Friday evening meeting a nominating committee composed of Dean R. A. Seaton, K. S. A. C., Dean George Shadd, K. U., and Dean O. J. Ferguson, N. U., was named to select candidates for officers of the society who were elected Saturday morning.

Officers elected were: Prof. F. A. Russell, K. U., president; Jules Roberts, K. S. A. C., secretary-treasurer; and Prof. E. E. Brackett, N. U., chairman of the entertainment committee for the next meeting of the society, which will be held at Lincoln, Neb.

Gartner Lives Out West

Paul Gartner, '28, is living at 513 California avenue, Santa Monica, Cal. He is associated with the Graphic Arts library at Los Angeles.

RECENT HAPPENINGS ON THE HILL

More than 500 K. S. A. C. students sent ballots home in the recent election, according to Dr. Ed House, who was in charge of the voting place for out of town students.

An "election returns" party was held in recreation center on the night of November 6, under auspices of the freshman commission of the Y. M. C. A., and of the Y. W. C. A.

With the intramural horseshoe tournament almost completed, and soccer likewise a thing of the past for this fall, plans are being made for the opening of the intramural basketball tournament.

Alpha Kappa Psi, professional commerce fraternity, held pledging services recently for J. E. Carnal, Salina; G. I. Blair, Junction City; Carl Koester, Marysville; Robert Myers, Manhattan; A. F. Huscher, Concordia, and D. L. Yeakley, Hoisington.

F. A. Miller of Sawyer, junior in agricultural administration, was painfully but not seriously injured in an accident in farm machinery laboratory class last week. He was struck by a large pipe which broke loose from one of the machines in the laboratory.

Ross Anderson of Richland and Charles Morgan of Concordia shook hands with Herbert Hoover at Gypsum City, during Hoover's most recent trip through Kansas. It took a determined "touchdown drive" through the crowd to reach their goal, they said.

The following men were initiated last week by the K. S. A. C. chapter of Scabbard and Blade, honorary military fraternity: Joe Barger, Manhattan; Bert Pearson, Manhattan; Glenn Koger, Herington; A. V. Roberts, Vernon; R. A. Irwin, Hutchinson; E. F. Harmison, Great Bend; A. L. Coats, Altoona; G. E. Drolling, Wichita; A. E. Dring, Pawnee Rock, and A. H. Ryon, Galveston, Tex.

They Turned Out at Topeka

About 100 Aggie teachers attended the alumni banquet held Thursday evening, November 8, in the roof garden of the Jayhawk hotel, Topeka, during the State Teachers Association meeting. The visiting teachers were the guests of the Shawnee County Alumni association which has the reputation of staging one of the finest banquets held during the annual state teachers meetings.

Officers of this alumni association are J. M. Ryan, '07, president; J. S. McBride, '14, vice-president; Katherine Tucker, '12, secretary; and W. V. Buck, '11, treasurer. There are 161 K. S. A. C. grads living in Topeka and Shawnee county. Everyone present was grateful to Mr. and Mrs. McBride who annually delight in arranging these beautiful Aggie gatherings.

Mr. Ryan presided as toastmaster for the following program: Invocation, H. W. Jones, '88. Dean J. T. Willard, '83, introduced Kenney L. Ford, '24, new executive secretary of K. S. A. C. Alumni association. Dean E. L. Holton gave an interesting talk on the joy and satisfaction that is his in meeting his former pupils who are now teachers. Miss Anna Sturmer and Miss Myra Scott, both of the English department of K. S. A. C. gave short responses.

L. C. Williams, '12, gave the principal address of the evening. Mr. Williams emphasized the need of maintaining a live working K. S. A. C. Alumni association, the building of a student loan fund sufficient to meet the demands of K. S. A. C. students in need of financial assistance, and the encouragement of high school students ranking high in scholarship to attend college. Mr. Williams praised the service given to K. S. A. C. by "Mike" Ahearn, '13, and "Bo" McMillin, to which the alumni readily applauded.

In closing, H. W. Jones, author of "Alma Mater," led in the singing of that song, sacred to every K. S. A. C. student and alumnus.

TIGERS SCORE EARLY DEFEAT WILDCATS 19-6

LONE AGGIE SCORE COMES IN SECOND QUARTER RALLY

McMillin Men Tighten Down After Weakening for Two Touchdowns in First Quarter—Brilliant Defense Ends in Anti-Climax
(By H. W. DAVIS)

In a game not half so brilliant as there was every reason to expect the Missouri Tigers last Saturday defeated the Kansas Aggie Wildcats 19 to 6 on Ahearn field. The pigskin artists from old Missouri saw their duty very, very early in the game and they did it with an unmistakable enthusiasm. Two touchdowns in the first quarter, reeled off like clockwork, sewed the game up and tucked it away as far as any real hope for an Aggie victory was concerned.

The score probably represents nicely the relative abilities of the two teams, but the game did not disclose the actual normal ability of either machine. The first quarter showed the Aggies at their highest point of demoralization. The Tiger forward wall opened gaps in the Wildcat line that made 6- or 8-yard gains by the "pony" backs of Gwin Henry so common as to be tiresome even to the Tiger rooters in the east stadium wing. What stopping was done had to be done by the Wildcat secondary defense.

AGGIES RALLY IN SECOND

In the second quarter the Missourians ran in a considerable number of substitutes and the Wildcats, featuring Nigro and Weller, opened up with end-runs and passes enough to ring up a marker by Nigro a short time before the end of the first half. The Aggie attack was sudden and sharp, and the Tiger resistance to it was almost as weak as that of the Aggies in the first quarter.

It was only with the coming of the second half that the game began to look much like a battle. Evidently both McMillin and Henry had been making speeches, with the odds somewhat in favor of McMillin. Henry sent his best bets back into the game with orders to get themselves some more touchdowns. McMillin explained that it is better now and then to stop fleet-footed backs at or near the line of scrimmage. Both teams began doing something near their bests, but the Aggie defense stiffened much more than did the Tiger attack.

During the last half the pay customers and the press boys and other notables in their sheltered isolation on the west wing got to see some slashing, mix-it gridironing. Missouri's offensive was earnest and sharp, but the Wildcat defense was bull-doggish. The gaps in the Aggie line closed up and the Aggie 30-yard line became a real barrier. Despite several bad breaks against "Bo's" boys, the third quarter was scoreless.

THREE TIMES THEY HELD

About the middle of the last session the Tigers worked the ball to the Kansas 3-yard line for a first and ten. Captain Pearson of the Aggies called time out to allow the crowd to grow tense in speculation as to how many thrusts would be required for another Missouri touchdown. He also explained to his team-mates that stopping the unstoppable is child's play if you just make up your mind to it. In three vicious assaults the Tigers annexed only two yards. On the fourth trial they were offside and suffered a 5-yard penalty. From the 6-yard line they elected to pass, and pass they did—without any apparent opposition. The ball went to a Tiger entirely surrounded by Wildcats glued to the earth. It was a terrible, terrible anti-climax to a brilliant bit of defense.

And that was that for the afternoon. The last few minutes of the game were marked by desperate attempts of the Wildcats to get loose, and one brilliant 25-yard run by Cox of the Tigers.

Here is the story in figures:
K. S. A. C. Position Missouri
Dimmitt L.E. Hursley
Lyon L.T. W. Smith
Tackwell L.G. McGirl
Pearson C. R. Smith
Bauman R.G. Willner
Freeman R.T. Hawk
Towler R.E. Brown
Weller L.H. Mehrle
Nigro R.H. Rosenheim
Evans Q. Waldorf
Barre F.B. Oldham for
Substitutions—Missouri, Oldham for

Byars, Campbell for Brown, Gilbert for Waldorf, Dill for Rosenheim, Baker for Hawkins, Brayton for McGirl, Kennedy for Mehrle, Gilbert for Willner, Morgan for Hursley, Kilgore for Smith, Garner for Gilbert, Huff for Kilgore, Lindenmeyer for Baker, Cox for Dill, Nash for Garner, Schaff for Morgan, McCauley for R. Smith, Lyons for McCauley, Mehrle for Kennedy, Rosenheim for Dill, Brown for Campbell, Willner for Gilbert, Waldorf for Huff, Deimund for Oldham, Gilbert for Waldorf, Hudgens for McGraw, Maschoff for McGirl, Kellerman for Willner, Lindenmeyer for Brown, Campbell for Hursley, Cox for Rosenheim, McCauley for R. Smith, Nash for Mehrle, Schaff for Deimund, Aggies, Telford for Freeman, Errington for Bauman, Yeager for Tackwell, Platt for Evans, Meissinger for Platt, Evans for Nigro, P. Swartz for Barre, Platt for Evans, Bokenkroger for Dimmitt, Nigro for Meissinger, Saunders for Pearson, M. Swartz for Yeager.

The summary: Scoring touchdowns—Kansas Aggies, Nigro; Missouri, Rosenheim, Mehrle, Hursley. Point after touchdown—Brown. First downs earned—Kansas Aggies, 6; Missouri, 13. Total offensive plays—Kansas Aggies, 37; Missouri, 70. Yards gained in scrimmage, including forward passes—Kansas Aggies, 157; Missouri, 253. Yards lost in scrimmage—Kansas Aggies, 1; Missouri, 1. Average net gain per play, yards—Kansas Aggies, 4.3; Missouri, 3.6. Fumbles—by Aggies, 2; by Missouri, 1. Own fumbles recovered—Agiess, 1; Missouri, 0. Punts—Agiess, 8, for an average of 36 yards; Missouri, 7, for an average of 38 yards. Average run back of punts, yards—Agiess, 4.2; Missouri, 2. Forward passes—Agiess completed 6 out of 16 tried for an average of 9.2 yards; Missouri completed 3 out of 11 tries for an average of 16, including runs after pass. Passes intercepted—by Aggies, 1; by Missouri, 2. Penalties—Agiess, 3 for 15 yards; Missouri, 10 for 57 yards. Officials—Referee, Leslie Edmonds, Ottawa university; umpire, Ira Caruthers, Coe college; head linesman, Noel Workman, Iowa State.

LOAN FUND ONE OF BEST FEATURES OF ASSOCIATION

This Appreciative Letter Shows How One Borrower Paid Up

One of the finest features of the K. S. A. C. Alumni association is the student loan fund which is available to worthy students who are in need of financial assistance while attending K. S. A. C. Many have taken and are taking advantage of this opportunity to borrow at a low rate of interest.

The following letter is a sample of many received by the alumni office. "I am inclosing herein a check for \$106 which serves as full payment, principal and interest on the note which falls due in the very near future. I surely appreciate the assistance I received through the association and no doubt many others are receiving aid this year."

Geo. Rhine Is President

George W. Rhine, '18, recently was elected president of the National Standowners association, with headquarters in Washington, D. C. Mr. Rhine publishes the trade paper of the organization, Roadside Refreshment Topics, of which his sister Mabel O. Rhine, '26, is managing editor. They make their home at 2146 Pennsylvania avenue, N. W., Washington, D. C.

Nearly 10 billion dollars a year is spent by the people of the United States for motor transportation.

PROGRESS OF KANSAS PRESS

F. E. C.

J. R. "Jack" Harrison of the Beloit Gazette was elected state senator in the Mitchell-Jewell district.

"If you can't boost, keep still," and "For Ulysses and Grant County," say the "ears" on the nameplate of the Grant County Republican. You guess from that what sort of an editor Ben H. Lyle is.

The Wilson County Citizen is in its fifty-eighth year, having been founded in 1870 by John S. Gilmore. It has been published almost continuously since, and the masthead still carries his name.

Dating back to 1868, the St. Paul Journal is now getting along in years as Kansas newspapers go. It is now edited by A. J. Hopkins. It is a continuation of the Neosho Valley Eagle, founded in 1868, and other papers.

The Chase County News prints four high school news departments, one each for the Strong Rural township high school, the Toledo Township high school, The Clements high school, and the Matfield Rural high school.

A glance through an occasional

PROTEIN FACTOR GETS RESEARCH ATTENTION

MOST IMPORTANT DETERMINANT OF VALUE

H. R. Tolley Reports Results of Study Before Wheat Conference—U. S. D. A. Searches for Rapid Simple Testing Method

The subject of how marketing agencies should be organized and marketing functions performed so that the quality of each farm producer's wheat may be reflected in the price he receives for it was discussed at the conference on wheat research at the college last Thursday by H. R. Tolley, assistant chief of the bureau of agricultural economics of the United States department of agriculture.

"If we can determine how marketing should be done so as to attain this end, we shall be able to say how present marketing methods and practices need to be modified," Mr. Tolley said. "From the viewpoint of the economist, the quality of wheat is measured by its commercial value, which of course depends largely on its milling and baking characteristics."

Mr. Tolley's discussion of the protein factor in the marketing of wheat follows in part:

TEST REQUIRES APPARATUS

"Since the protein factor has come to be such an important determinant of value we are giving major attention to it in our current research. The bureau has assisted in perfecting and standardizing methods for the chemical determination of protein that can be used commercially. But even the simplest methods require rather elaborate equipment, a considerable amount of time, and a well trained man. Thus it is not to be expected that local elevators can make protein determinations on all the different lots of wheat received."

"Some recent work indicates that it may be possible to develop a reasonably accurate method of estimating the protein content of a particular lot of wheat without a chemical test."

"The study of protein content concerned itself first with determining the nature and extent of protein variation. Protein determinations of all carload shipments from each of about 100 farmers' elevators were made. In addition, the protein content of individual wagonloads delivered to representative elevators each season was determined. The study has definitely developed the fact that the protein content of wheat may vary to the extent of several per cent even on a given farm in one year and indicates that in the spring wheat area, at least, a system of zoning of protein areas is not feasible."

PROTEIN ALWAYS IMPORTANT

"A second phase of the study has concerned itself with an analysis of

the factors underlying the payment of premiums for special qualities of wheat delivered to terminal markets. Each season information has been obtained upon carlot shipments of wheat showing quality, the price received, and the premium or discount as compared to the price of the prevailing future. Analysis of these data has developed some of the principal factors responsible for premiums and discounts. For example, in connection with the 1925 crop an analysis was made to ascertain the relative importance of three quality factors—protein content, test weight, and dockage—in determining premiums paid in the Minneapolis market.

"The analysis showed that, during the fall months of 1925, protein accounted for 71 per cent of the premium; test weight for 3 per cent; dockage for 2 per cent, and other factors for the remaining 24 per cent. This situation changed as the marketing period progressed until in the latter part of the season, protein had decreased in importance to 21 per cent, dockage had decreased to a fraction of one per cent, and test weight had increased to 17 per cent. Thus this study is giving us the facts concerning the premium paid in the terminal markets for special qualities and the causes for fluctuations in these premiums."

UNJUST PREMIUM DIVISION

"A third feature of the study has been to analyze the extent to which premiums for high quality grain are reflected back to local elevators and thence to the producers themselves. Study of marketing methods used in that area has definitely brought out that the greater portion of the premiums for protein has been returned to local shipping agencies but that these agencies have had difficulty in reflecting premium values to producers of high protein wheat. Local competition has caused buyers at some stations to return a portion of the premiums by paying a flat premium to all patrons, but under this system an injustice may be done to the producer of high protein wheat who is compelled to divide his premium with the producer of low protein wheat."

RADIO STATIONS WSUI AND KSAC DIVIDE TIME

Representatives of Two Schools Meet to Arrange Mutually Agreeable Daily Schedules

Radio station KSAC, the Kansas State Agricultural college station, began operating on a new frequency and time schedule last Monday morning. The new frequency of 580 kilocycles or 516.9 meters, as assigned by the federal radio commission, will be divided between KSAC and station WSUI of the University of Iowa.

"To meet the new order of the commission, it was necessary that station KSAC and WSUI come to an agreement as to time upon the air to prevent heterodyning of the two stations," said L. L. Longsdorf, program director of KSAC. "The new assignments of the two stations were agreed upon at a recent meeting at Omaha, Neb., by representatives of the college and University of Iowa."

Following is the KSAC schedule:

Daily except Saturday and Sunday—
8:00 a. m.—8:40 a. m., music appreciation program.
8:40 a. m.—9:00 a. m., health program.
10:00 a. m.—10:30 a. m., housewives' half hour.
10:30 a. m.—11:00 a. m., special programs.
12:30 p. m.—12:35 p. m., market reports.
12:35 p. m.—12:45 p. m., entertainment features.
12:45 p. m.—1:00 p. m., noonday talks.
1:00 p. m.—1:10 p. m., agricultural news service.
1:10 p. m.—question box, farm flashes, farm forum, markets, and miscellaneous announcements.
6:30 p. m.—7:00 p. m., 4-H club program (Wednesday a special program).
7:00 p. m.—7:10 p. m., markets.
7:10 p. m.—7:45 p. m., college of the air program.
7:45 p. m.—8:30 p. m., special talks and entertainment program by college organizations.
Tuesday and Friday—
4:00 p. m.—4:30 p. m., music appreciation program.
Saturday—
8:00 a. m.—9:00 a. m., music appreciation for housewives of Kansas.
10:00 a. m., markets and agricultural news service.
12:30 p. m.—radio fans' program.
Sunday—
2:00 p. m.—4:00 p. m., concerts and faculty recitals.

Special programs and events which either KSAC or WSUI wishes to broadcast at times not scheduled for that institution may be arranged for by mutual consent.

'MACHINE AGE' THEME OF TALK BY PEINE

FORMER PROFESSOR ADDRESSES CONTEMPORARY THOUGHT CLASS

"Massed Humanity Defenseless Before Massed Production," He Says. "America Might Well Be Called 'Traffic Jam'"

"Another name for America might well be 'traffic jam'. If Martian telescopes can reach us, we probably are described in the textbooks of that planet as the ant heap in perpetual excitement," said A. F. Peine, formerly a member of the college history faculty and now manager of Manhattan plant of the Perry Packing company, speaking to the contemporary thought class Saturday on "The Machine Age."

In the United States, according to Mr. Peine, the new economy of mechanical power has reached its highest development, and each year we surpass ourselves in our industrial supremacy.

Comparing American and foreign travelers, Mr. Peine said, "The American traveler abroad loves to dwell upon the backwardness, as he calls it, of foreign countries. The foreigner in the United States invariably is impressed with the large scale on which things are done in this country. It has been universally experienced that massed humanity is defenseless against massed production, economically."

STILL IN SWEEP OF TREND

"In 1919 one twenty-fifth of our industrial establishments produced two-thirds of the total factory output, and we still are in the sweep of this trend," he said. "In the 21-year period ending in 1919 the number of factories increased only 40 per cent, but the number of factory workers increased 93 per cent and the total horsepower 192 per cent."

Including the factor of consolidation in his discussion of economic elements of the machine age, Mr. Peine said, "Consolidation has invaded every field of production and distribution except agriculture and the combination movement appears to be inevitable. One cannot pick up a newspaper today without reading of a new combination or the extension of an existing one. At the present moment it is the automobile industry, the power and lighting utilities, the baking trades, and the retail distributors that hold the stage in the combination drama."

"A WELL GROOMED AGE"

According to Mr. Peine, the great geographical area of the United States means large-scale production which, in turn, means a wide radius of supply and a wide radius of distribution. It is an "age of electricity, of drain pipes and paint, a sanitary and well-groomed age. From a quarter billion gallons of petroleum in 1870 we reached more than 18 billion in 1920. It is an age of automobiles and marks the disappearance of the chaperon. In 1880, we produced two million barrels of cement; in 1924, almost 150 millions. It is an age of roads and bridges and roof gardens."

Mr. Peine discussed material advances in American economic prosperity as measured by economic output, and analyzed the factory systems and their specializations in many phases of modern life, showing that universal education is the gift of industry.

While Mr. Peine considers no age and no nation as having reared the power development which the United States boasts today, he recognizes that among several maladjustments in an industrial age such as ours are ruthless spending of natural resources, unemployment of hand labor, a standardized culture, largely conditioned by everyday practice and an intense commercialism and insecurity of business and career.

KIMBALL AND CHANDLEY ATTEND PRESS MEETING

Collegiate Newspaper Association Will Meet at Lafayette, Ind.

Solon Kimball, business manager of the Kansas State Collegian, and John Chandley, assistant editor, will represent this college at the Intercollegiate Press association meeting in Lafayette, Ind., November 16 and 17.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, November 21, 1928

Number 10

FREE TRIPS REWARD FOR 4-H CLUB FOLKS

EXPENSES OF 52 KANSANS PAID
TO CHICAGO

Merit Shown in Leadership and Project
Work Recognized—Youngsters Will
Enjoy Educational Tour to
International Show

Fifty-two members of Kansas 4-H clubs will attend the seventh annual boys' and girls' 4-H club congress held in connection with the International Livestock exposition at the Chicago Union stock yards, December 1-8, according to M. H. Coe, head of the Kansas boys' and girls' club work. About 1,200 young people representing every state in the Union are expected to attend this congress.

These boys and girls have won their trips by outstanding achievement in their home club work earlier in the year. Railroads, packing companies, breed associations, fair boards, and others interested in the welfare of Kansas agriculture have offered these trips as rewards.

THE STATE CHAMPIONS

Among the Kansas boys and girls who will represent the state at the congress are:

Elwin Pine, Lawrence, and Wilma Cook, Larned, state health champions, sent by Senator Arthur Capper; Jeanette Gamble, Coffeyville, state style show champion, sent by the Kansas Bankers' association; Arden Booth and Forest Booth of Fairview, and Earl Coulter of Willis, state championship livestock judging team, sent by the Kansas state fair association; Ellen Blair of Williamsburg, sent by Montgomery, Ward and Company; Maurine Knouse of Emporia, state clothing champion, sent by the Folger Coffee company; Viola Zumbrunn, Junction City, sent by the Folger Coffee company; Kermit Davies of Emporia, state poultry champion, sent by the Folger Coffee company; Frances Louise Blubaugh of Fort Scott, state baking champion, sent by the Northwestern Yeast company; Esta Belle Lehman of Ford, state Kerr Jar champion, sent by the Kerr Glass company; Clarence Ater of Fort Scott, state baby beef champion, sent by the Armour Packing company; Clayton Nagel of Wichita, state pig champion, sent by Swift and company; Frank Stauffer of Glen Elder, state sheep champion, sent by the Cudahy Packing company; Lovile Murray of Mound City, state crops champion, sent by the May Seed company; Wilfred Pine of Lawrence, state potato champion, sent by the Kansas Bankers' association; and Erma Skelton and Edith Dettler of Nickerson, state champion demonstration team, sent by the Southwest Wheat Improvement association.

SANTE FE WINNERS

Winners of the Sante Fe educational trip to the International exposition and their winnings are:

Louise Schaub, Independence, canning, poultry and clothing; Thelma Nablitzel, Chanute, baking, dairy, and room improvement; Myra Lorimer, Olathe, clothing and garden; Waldo Wheeler, jr., Williamsburg, baby beef; Gladys Boone, Quincy, baking and poultry; Beulah Nunnemaker, Kingman, baking and poultry; Walter Lewis, Larned, baby beef; Muriel Gibbons, Ness City, poultry and clothing; Merle Ninegardener, Winfield, pig club; Pius Hostetler, Harper, ton litter and dairy; Vivian Thomas, Protection, clothing, room improvement, and crops; Gleason Long, Iuka, pig club; Lloyd Gugler, Woodbine, baby beef.

ROCK ISLAND WINNERS

Winners of the Rock Island and Kansas Bankers' association educational trip to the exposition are:

Edward Sullivan, Mercier, baby beef; Bertha Clark, Wichita, clothing and canning; Paul Hutton, Seneca, corn; Dorothy Tietgen, Neta-waka, baby beef, clothing and room improvement; John Miller, Meriden, baby beef; Marie Gaiser, Leavenworth, clothing; Mary Cline, Cum-

mings, clothing; Viva Criespin, Ne-bor, clothing; Margaret Kline, Almira, baking and leadership; Lucile Piper, Goodland, baking, poultry, baby beef, and leadership; Ruth Elwood, Smith Center, clothing; Helen Sharite, Newton, clothing and poultry; Jack Evans, Washington, dairy; Vern Meyer, Leon, dairy; Be-atrice Craley, Abilene, clothing and room improvement; Wayne Shier, Gypsum, baby beef; Jimmie Rexroad, Partridge, poultry; James Williams, Dodge City, sow and litter; James Treir, North Topeka, dairy; and Vella Kellar, Minneola, clothing.

KANSAS JUDGING TEAM WINS WICHITA MEET

But Aggies Lose to Illinois by Two
Points in American Royal Col-
legiate Contest

After winning first place in the intercollegiate livestock judging contest of the Kansas National Live-stock show at Wichita last week, the K. S. A. C. judging team was forced to take a second place in the judg-ing contest held in connection with the American Royal Livestock show at Kansas City Saturday. An Illinois team outscored the Kansans by two points, piling up a total of 4,304 to the Kansas total of 4,302.

At the Wichita contest the K. S. A. C. judges placed second on cattle, third on horses and first on sheep and hogs. Their total score was 2,576. Second place went to the Oklahoma Aggies team with 2,479. In this contest S. S. Bergsma ac-counted for 53.2 points for high placing in the contest. Francis Im-Masche was second with 531.

At Kansas City Edward Crawford was the high man for the Aggies. The Aggie team placed first on hogs, third on horses and sheep, and fifth on cattle.

Members of the team, which is coached by Prof. F. W. Bell, are Ed-ward Crawford, Stafford; Otto E. Funk, Marion; Dale Scheel, Em-poria; Francis ImMasche, Safford-ville; W. H. Lee, Keats; I. K. Tomp-kins, Byers; and S. S. Bergsma, Lucas.

PICK WORKING COMMITTEES FOR CAMPUS CHEST DRIVE

Preliminary Plans Made for Campaign
December 12 and 13

Preliminary plans for the Campus Chest drive December 12 and 13 have been made by the general committee, and chairmen for various working committees selected. The Campus Chest drive takes the place of vari-ous drives formerly held on the cam-pus, the funds raised being divided among several organizations. Solici-tation for funds is done only in the classroom, briefly.

Committee chairmen selected are: publicity chairman, Gladys Schafer; treasurer, James Pratt; purchasing agent, Margaret Greep; campaign committee chairman, Gordon Nonken and Leone Pacey; general manager and chairman, Dr. W. H. Andrews.

The general committee is: faculty members—President Farrell, Dean Van Zile, Dr. A. A. Holtz, Ruth Fer-tig, and Doctor Andrews. Student members—K. M. Ward, Ruby Nelson, Fred True, J. L. Foley, Lenore Mc-Cormick, Margaret Greep, James Pratt, T. J. Charles, Mable Paulsen, Margaret McKinney, A. H. Hemker, Josephine Fiske, Harold Weller and Chester George.

Last year the Campus Chest funds were approximately \$550.

DAIRY DEPARTMENT LISTS NEW COMMERCIAL COURSE

Prof. W. H. Martin Will Offer Subjects
Related to Manufacturing

A new course in commercial dair-y-ing will be offered beginning either in the spring semester next February or in the fall semester. It will be offered by Prof. W. H. Martin and will consist principally of a study of mathematics and chemistry, as re-lated to dairy manufacturing, and judging dairy products.

ELECTRICAL DEVICES SERVE SOCIAL NEEDS

HAVE IMPORTANT PLACE ON KAN-
SAS FARMS

Rural People Utilize Appliances to
Make Life Happier, First, and for
Economic Purposes, Second,
Farrell Declares

Rural electrification wherever in-troduced on a sound basis—at rea-sonable cost, with reliable equipment, and with genuine service performed—has increased the happiness of the farmer and his family, President F. D. Farrell of the college declared in a talk before representatives of the Middle West Utilities company in Kansas City last Thursday.

By increasing the cleanliness, the leisure, and the health of rural peo-ple effective use of electricity on the farm and in the farm home serves an important social need, according to the president. It helps to provide for the farm family some of the real advantages of the city without the numerous disadvantages that are in-escapable in city life.

ALL USE ELECTRIC LIGHTS

"It is interesting to note the de-cided preference that is shown, con-sciously or unconsciously, by the owners of electrified farms for elec-trical appliances whose chief value is social rather than economic," President Farrell continued. "In a survey of 324 electrified farms in 28 Kansas counties it was found that 100 per cent of the farmers had elec-tric lights in the home, 71 per cent had lights in the barn, 46 per cent lighted their yards electrically, and 35 to 40 per cent had electric lights in their sheds and garages.

"Electric irons were in use on 89 per cent of the farms, washing ma-chines on 69 per cent, domestic pumps on 40 per cent, vacuum clean-ers on 39 per cent, and electric fans on 28 per cent. The value to the farmer and his family of each of these appliances is essentially social rather than economic. The value is measured not in dollars and cents but in physical, mental, and spiritual well being.

ECONOMIC DEVICES SECONDARY

"On the other hand, fewer than 10 per cent of the farms had such economically valuable articles of electrical equipment as shredders, corn shellers, clippers, hay balers, chick brooders, grain cleaners, good saws, milking machines, or shop motors, though all of these were found in the survey. In other words, the farmer and his family, in select-ing electrical equipment, very wisely have shown a preference for those appliances that minister to their com-fort rather than for those that fa-cilitate money getting.

"Appliances whose value is chiefly economic are increasing in popular-ity and doubtless will continue to do so as costs are reduced and as equip-ment is made more suitable for farm use. But it is significant that the farmers tend definitely to install first those appliances that have essen-tially social value rather than those of direct economic importance.

"The use of these socially valu-able appliances strengthens the mor-ale of the farmer and his family and so increases their efficiency as citi-zens and their happiness as human beings."

CONOVER OPENS SERIES OF ENGLISH LECTURES

Story of Stephen Benet's Popular Poem,
'John Brown's Body,' Told
Last Evening

The story of an unexpected suc-cess was embodied in Prof. R. W. Conover's lecture last evening on Stephen Benet's narrative poem, "John Brown's Body." The lecture was the first of the English series to be held in recreation center.

"John Brown's Body" is a long poem of the Civil war, written against the advice of Benet's friends. The public didn't want to read long

poems, they said, and besides, no one was interested in the Civil war now-adays. They warned him he was wasting his time, but Benet, who was writing neither for his friends nor for the public, but for himself, went abroad and worked on his poem for two years. During the time spent in its creation, he was financed by a fellowship award by the Guggen-heim foundation.

His publishers found it a magnifi-cent piece of work, and told him so, but warned him it probably would have only a very small sale. So it was a somewhat disheartened Benet who set sail for America, too hope-less to even open his mail. He was forced to travel second class, because his money supply was almost ex-hausted.

In the meantime, however, the book had been published, had been more than favorably received, had made its author famous overnight. The Book of the Month club had made "John Brown's Body" their August selection, critics had waxed enthusiastic in their reviews, more than a thousand people a week were buying it, it had passed the 70,000 sales mark. All this the bewildered poet learned at the dock where he was met by a swarm of photogra-phemers and reporters.

That is the story of "John Brown's Body," which Mr. Conover incor-porated in his review last evening.

1929 FOOTBALL SCHEDULE ANNOUNCED BY M. F. AHEARN

Texas Aggies and Marquette to Be Met
Next Season

Home games with Nebraska, Okla-homa, Iowa State, and one of the stronger Kansas conference schools are included in the tentative Kansas Aggie 1929 football schedule as an-nounced this week by M. F. Ahearn, director of athletics.

Away from home the Aggies will play two interseasonal games, one with Texas A. & M. at Dallas, Tex., during the Dallas fair, and another with Marquette university at Mil-waukee, on Thanksgiving day, No-vember 28.

The game with Texas A. & M. is expected to develop into an annual feature of the fair.

After meeting a Kansas conference team and Texas A. & M., the Aggies will play their first Big Six game against Kansas university October 19.

The tentative schedule:

October 5—(Kansas conference team) at Manhattan.

October 12—Texas A. & M. at Dal-las.

October 19—Kansas university at Lawrence.

October 26—Oklahoma university at Manhattan.

November 2—Missouri university at Columbia.

November 9—Iowa State at Man-hattan.

November 16—Open date.

November 23—Nebraska univer-sity at Manhattan.

November 28—Marquette at Mil-waukee.

AGGIE CROSS COUNTRY MEN IN BIG SIX MEET SATURDAY

Harriers Will Race for Title Over Mis-
souri U. Course

Six Kansas Aggie cross country men will finish their 1928 season in the Big Six conference cross country meet at Columbia, Mo., next Satur-day. The meet will be held during the Kansas university-Missouri uni-versity football game.

Those making the trip will be Cap-tain Henry Gile, Scandia; Temple Winburn, De Kalb, Mo.; H. S. Miller, Kansas City, Mo.; Virgil Faulconer, El Dorado; H. D. Richardson, Long Island; John Hoynes, Salina.

During their dual meet season the Aggies won from Oklahoma univer-sity and Missouri university, and lost to Oklahoma A. & M. and Iowa State college. The loss to Ames was in the mud and snow last Saturday, by a score of 20 to 35. The leading Ames runner set a new course record.

NITROGEN TESTS SHOW LEGUMES SWELL YIELD

INCREASE CORN CROPS 25 BUSHEL
PER ACRE

Used in Corn, Oats, and Wheat Rota-
tion, Alfalfa, Sweet Clover, and Soy
Beans Demonstrate Their Bene-
ficial Effects

The beneficial effects of certain legumes when used in rotation with common Kansas crops have been demonstrated by some experiments recently conducted at the Kansas agri-cultural experiment station by Dr. M. C. Sewell. The experiments were made to study the legumes with spe-cial attention to the amount of nitro-gen fixed by each and their effect on the yield of corn in a rotation con-sisting of corn, oats, and wheat.

LEGUMES GREW ONE SEASON

Alfalfa, sweet clover and soy beans were the legumes used. When alfalfa or sweet clover was allowed to grow but a single year in a rotation, the yield of corn was increased more than 25 bushels per acre. This ro-tation without the legume yielded 68.4 bushels an acre. When alfalfa was used in the rotation the corn yield was increased to 93.9 bushels an acre.

On a plot in which sweet clover was added to the corn, oats and wheat rotation, the corn yield was 94.7 bushels an acre. Without the sweet clover the yield was 68.4 bush-els. The alfalfa and sweet clover were allowed to stand for only one growing season and were plowed up the following spring.

SOY BEANS EFFECTIVE

In another series of tests when soy beans and sweet clover were allowed to grow but one year in the rotation, the corn yield was increased about 25 bushels an acre. On this series of plots where the rotation of corn, oats, and wheat was used without a legume the yield of corn was 61 bush-els an acre compared to the corn, oats, and wheat rotation followed by sweet clover which yielded 85.2 bush-els. Soy beans used in the same ro-tation increased the yield to 86.2 bushels per acre.

Since both series increased the yield about 25 bushels an acre the difference in total yield between the two series was probably due to a dif-ference in the soil itself, Doctor Sew-ell pointed out. The rotation used in these experiments, corn, oats, and wheat, was used as representative of any common crop rotation.

SOIL SURVEYS COMPLETED IN 14 KANSAS COUNTIES

Earliest Studies of Little Value Now,
Says Throckmorton

Soil surveys made in Kansas 25 years ago are of small value now be-cause methods of soil surveying had not been developed sufficiently at that time to enable field men to do work comparable with that done now, according to Prof. R. I. Throckmor-ton, head of the college agronomy department.

Recent soil surveys of the Kansas experimental station made in co-operation with the bureau of soils of the United States department of ag-riculture bring the total number of counties surveyed in the state to 14. The earliest soil survey work was done by the bureau of soils in 1902. This was known as the Wichita area and comprised parts of Sedgwick and Butler counties. Counties which have come under the soil surveys since 1910 are Reno, Shawnee, Jewell, Greenwood, Cherokee, Montgomery, Cowley, Leavenworth, Clay, Labette, Wilson, Doniphan, and Johnson.

Surveying in Crawford county will be completed this fall.

Stephenson a County Agent

E. A. Stephenson of Alton and a K. S. A. C. graduate of 1929 recently was appointed county agent of Chase county. He will take up his work January 1.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
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WANGER, R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, NOVEMBER 21, 1928

WOULD YOU BE A HERO?

Charles Terhune stole a ride. Because he sneaked in among the mail bags and stayed there until the Graf Zeppelin was far on her way home, he won a ride for which others paid \$3,000. Moreover he became the greatest hero of them all.

The boy stowaway on the zeppelin is reported to "have no worry for the future." Cheering crowds carried him through streets when he landed in Germany. Vaudeville and movie contracts await him. And we may expect to read his opinions on all sorts of vexing public problems, from marriage to the outcome of the election. Not because he knows much—as a mere caddy he wasn't expected to—but because most people are more interested in a popular hero's ideas on any subject than in the ideas of an authority on the same.

The fact may as well be faced that it is the man of spectacular physical action who is still the popular hero, even though this is supposed to be the day of intellectual prowess and accomplishment. It appears that academic scholars and other honest-to-goodness authorities will have to reconcile themselves to lives of comparative oblivion—or take up stunt flying. For the sake of mass education and progressive change we really should think up some way of making heroes of our intellectual giants—or of making intellectual giants of our heroes.

BOOKS

Adventures to the Adventurous

"Disraeli, a Picture of the Victorian Age" by Andre Maurois. Translated by Hamish Miles. D. Appleton & Co., N. Y. \$3.

Modern history has furnished few, if any, more interesting characters than Benjamin Disraeli. A good story of his life is tremendously fascinating for almost innumerable reasons. Had he not lived so recently it would be easier to regard him as a character in romantic fiction than as a man who twice occupied such a real position as that of prime minister of Great Britain.

Disraeli's motive was to acquire power; the highest power available. As a boy, lying on his back in an Italian garden in London, he had gazed into the sky and dreamed of unlimited personal glory. For 60 years he never completely renounced that dream. He came as near to realizing it as is possible for a human being. To bring it to realization he proceeded cold bloodedly and with great skill and persistence. Much of his method seems like opera bouffe but every feature of it was a factor in his development. To him life was an adventure and living was an art. One of the mottoes of his youth was "adventures to the adventurous." His methods, especially in the early days, were bizarre. They included at one time or another the wearing of red trousers and canary colored waistcoats; the use of two canes, one for forenoon and one for afternoon; shiny, black ringlets; flirtations, flattery, sarcasm, cynicism. He had his wife trim his hair every fortnight for 33 years. After she died he discovered that she had preserved the clippings. As he grew older he became less fantastic and

more conventional because he learned that it paid to do so. When he suffered a defeat, as he frequently did, he would write a romantic novel, with himself in the role of hero. Then he would proceed to bring into existence the situations described in the novel. There still is difference of opinion as to whether he was greater as novelist or as statesman.

Disraeli was oriental in his mysticism and his love for the fantastic. In particular he shared with the oriental that double sentiment of a desire for the good things of this world and a perception of their hollow emptiness. And yet when he had become prime minister for the second time: "Just as a beautiful Moorish doorway, brought back stone by stone by some colonist returned home, reconstructed on a trimly mown lawn, and gradually overgrown by ivy and clinging roses, will slowly acquire a grace that is altogether English and blend discretely with the green harmony of its setting, so too old Disraeli, laden with British virtues, British whims, British prejudices, had become a natural ornament of parliament and society."

As usually happens in this world of contradictions, Disraeli was not happy when his ambitions were realized. "I am wearied to extinction and profoundly unhappy," he said as he stood, a broken hearted widower, at the head of the British empire, the darling of society, people, politicians, and queen. "Fortune, fashion, fame, even power, may increase and do heighten happiness, but they cannot create it. Happiness can only spring from the affections." It was a typically "Victorian"—and human—conclusion.

The book may be read with pleasure and profit by people, young or old, who are interested in the human spectacle and especially by young men who have leanings toward high political adventure. —F. D. Farrell.

THE BOY WHO WORKS HIS WAY

There has been too much deification of the boy who works his way through college. It is natural, in a democracy, that this should be the case. A few fellows derive benefits from the experience of having to earn their way, but the vast majority do nothing of the sort. To them it simply means that these plastic years of young manhood are clouded by financial anxieties which haunt the soul and depress the spirit. It involves a denial of leisure moments at a time when these would be of the highest value. It compels the student to cut corners, to forego many cultural advantages which the college environment provides, and sometimes to undermine his health as well.

Many a man does not learn the real cost of working his way through college until he has passed into the fifties. Then he finds that there are prematurely frayed-out nerves to be entered on the debit side of the account. It is my conviction, after having taught more than 10,000 college students during the past quarter of a century, that nine-tenths of those who had to earn their way to a bachelor's degree would have been better off without any such handicap. A strange doctrine it is, therefore, that young men and women whose parents can afford to educate them should, nevertheless, interrupt their studies for the sake of "experience." They will get quite enough of it after college days are over. —William Bennett Munro in Harpers.

MEMORY OF MILKING TIME

The town cow is almost a thing of the past. Driving through a little Kansas town in the late afternoon of a recent September day, that thought came to me when I saw a small boy driving in a little herd of "town cows." My heart warmed to the lad; for to me came the thought of my own dear delight, in the evenings of long ago, in bringing the cows in from the pasture.

Perhaps it had been a September day of sunshine—cool dawn giving way to gentle warmth and gentle warmth yielding to the fervid heat of noon. The afternoon came, and white, fleecy clouds floated lazily across the sky, like argosies of wool on a turquoise sea. The sun sank low to the western cloudbanks and gilded the outline of the thunder-

heads in gold and shot their less dense fabric with crimson splotches. In the red-haw patch by the farther fence row were the cows, sleepy eyed and lazily stamping to rid themselves of flies. And across the sward of bluegrass and clover drifted the jingle-jangle of the cowbell.

You lifted lusty voice and called—called the cows by name. The bell cow harkened to the summons, and then the others, and all came slowly to the pasture bars—Sukey and Pied, Blackie, Whiteface and Old Red, bovine contentment in every movement, breath redolent of the sweet grass, fragrant as the breath of a healthy, dewy lipped, red cheeked girl!

Leisurely they stepped over the lowered bars, one by one. Leisurely they passed down the narrow lane and to the milking pen. The sun was down. The swallows were gath-

sum total of our habits of behaving together. —From "Psychology" by Everett Dean Martin.

IN OLDER DAYS

From the Files of The Industrialist
TEN YEARS AGO

A piano recital was given by Patricia Abernethy, formerly instructor of piano at the college.

J. W. Blachly took up his duties as extension plant pathologist immediately following his graduation from college.

K. S. A. C. won \$445 in prizes at the American Royal stock show, a larger amount than the total winnings of all other exhibitors combined.

TWENTY YEARS AGO

Professor Walters contemplated taking a trip to his home in Europe

The American College

From "Antioch Notes"

The American college is an institution intuitively evolved by the American people, to provide opportunity for the enlarging of life. It is an institution in which incompleteness and provincialism may be cast off, where interest and outlook may become universal, where a larger pattern of life may be set up for emulation. It is a place where crudities may be refined, where discipline may be acquired, where every element of body, mind, character, and personality may be brought under the influence of standards of excellence. It is an extension through a longer time of the period of youth and growth. It expresses the faith of the American people that life may be lived by a larger plan.

In the minds of American parents who have bitterly economized to enlarge the lives of their children, of the sisters who have taught school to make opportunity for younger brothers, of the boys and girls who have fought their own ways to higher education, and of the faculty members who have received them, the American college has meant this, and nothing less. * * * *

The American college at its best is *sui generis*. It has no counterpart in Europe. In its essential quality it is a growth of the soil and spirit of America, and not a replica of the English college. But to traditionally minded mentors of education, the American college is an ugly duckling. They are puzzled at its small likeness to the European institutions they believe to be its parents. In its awkward, unskillful immaturity, they do not see the growing swan.

ering about the barnloft windows with noisy chatterings. Whippoorwills began calling from the timber along the creek and down the country lane could be heard the rattle of a solitary, homeward bound farm wagon. It was milking time.

—E. E. Kelley in Jayhawk.

WHAT IS NATIONALITY?

I have heard many men try to define what they mean by the principle of nationality. Neither race, nor language, nor the occupation of a definite political area seems to be adequate. It is a disputed point whether nationality could be ascribed to Jews, Irish-Americans, or other "nationals" who, though they have a keen sense that they are a separate people with certain traditions which they all share, nevertheless have no piece of earth on which they can act as a sovereign political group. And in America, if we are to listen to some of our super-patriots, nationalism is a thing which even the native born possess only in degree. The elect alone have it 100 per cent.

Certainly when we think of all the factions and differences and nationals existing in the population of this country, we must say that, beyond certain gestures and words, in which conformity may be secured, nationality has comparatively little existence. If there is an American mind as such, I as a social student have never been able to discover it, though I have seen many persons who presume to speak in its name. I think they were, for the most part, speaking for themselves. This is not to say that nationhood is not a very great fact among us. But it is to say that it is not a fact separate and distinct and independent of our several mentalities. As a matter of fact, society in any country or civilization at large is nothing other than the

and making an extensive study of European architecture.

The stock judging team of the college, consisting of W. W. Hunt, R. E. Hunt, C. W. McCampbell, H. E. Kigen, and Ross Morman, left for Chicago to attend the International stock judging contest.

THIRTY YEARS AGO

Captain McGinnis of Company I was in Manhattan visiting his uncle, Doctor McGinnis.

Ned Green returned to Manhattan after having been with the Sixteenth U. S. infantry in the Santiago campaign.

Charles R. Hutchings, '94, county surveyor of Franklin county and agent of the Kansas City Bridge company, visited the college.

FORTY YEARS AGO

Prof. W. H. Cowles, for three years professor of history and English at the college, was a visitor.

M. Roberts, former student, wrote from Sedalia, Mo., that he had completed the study of telegraphy, and expected to take an office on the railroad.

The following graduates and students shared in the meeting of the Riley County Teachers' association at Leonardville: W. E. Whaley, '86; E. A. Allen, '87; W. J. Burtis, '87; G. D. Knipe, S. I. Thackrey, and Emma Allen.

FIFTY YEARS AGO

President Anderson was engaged by the ladies of the Presbyterian church to give his Kansas lecture.

An article by W. H. Sikes, a member of the class in practical agriculture, appeared in THE INDUSTRIALIST. It was entitled "How to Select a Farm."

FLEET STREET

Shane Leslie

I never see the newsboys run
Amid the whirling street,
With swift untiring feet,
To cry the latest venture done,
But I expect one day to hear
Them cry the crack of doom
With risings from the tomb,
With great Archangel Michael near;
And see them running from the Fleet
As messengers of God,
With Heaven's tidings shod
About their brave unwearied feet.

SUNFLOWERS

H. W. D.

THRIFT, HORATIO!

There are said to be men in this world who claim to know to a penny how much it costs to own and operate a motor car.

I am not one of them, nor one with them. I haven't the slightest idea what it costs, and I am not fond enough of heart failure ever to try to find out.

If it should become necessary for me to take oath and testify in court or on a formidable questionnaire, I should, in order not to perjure my soul and its accessories, have to swear that it costs little if anything to own and operate a costly motor.

For many years before I made what the salesman ghoulishly referred to as a small initial payment on the automobile that I frequently back out of the garage, I was broke—dismally, flatly, everlastingly broke. Since that lucky or unlucky day I have been broke—dismally, flatly, everlastingly broke.

Ergo, it costs nothing to own and operate a car—just as my philosophical barber always insisted. My barber made his initial payment some years before I made mine, and is a much wiser man than I.

There are times, however, along about the first of every month when I am far from apathetic in regard to the length of eternity, as demonstrated by the deferred-payment plan, and the cost of upkeep, as pyramided by the geniuses who "service" cars.

American business ingenuity shines nowhere else so brilliantly as it does in the modern garage, with its efficient cost-a-mounting system and its punch clock. There everyone is trained to put service before self—at so much per hour. Labor is respected—if not immediately, then most certainly as soon as you learn about the \$3.43 charge for installing a ten-cent door-hinge pin. Not a minute is lost. From the moment you darken the alley leading to the garage until your bus is delivered at the front door of your barren little bungalow the punch-clock is ticking—and punching. Not a single detail is overlooked. The two cents for stove bolts used in installing your \$15 heater are added to the bill with a coyness and naivete that must be admired. The modern service garage is ten thousand times as efficient as the home—notwithstanding the fact that it has been in existence only a decade or two.

But all this is beside the point. I quietly started out to prove that it costs nothing to own and operate a car, and I find myself in reverse. Let us hark back to the more comfortable idea that if one is broke before an experience and also broke after the experience, the experience has cost him nothing. That is the sensible way to look at the matter.

After all, thrift can be carried to extremes—as should have been said in the very beginning. What a thing costs is not so important as what it yields in fun, education, experience and dozens of miscellaneous compensations. Benjamin Franklin foisted upon America a conception of thrift that was baked on only one side, and we rebel against followers of his who use our valuable time trying to explain that it cost 7.39 cents a mile to operate a \$1513.02 boat if you turn it in on a new model at the end of 4 years, 5 months, and 22 days of moderate smash and repair.

Everything is getting cheaper—except the cost of living—anyhow. And more money is good for nothing except to pay more bills. Q. E. D.

AMONG THE ALUMNI

Philip E. Neale, '20, is located at Las Cruces, N. M.

W. J. King, '09, resides at 711 Frisco avenue, Monett, Mo.

E. R. Lord, '26, is located at 1911 N. Fourth street, Hutchinson.

Dr. W. A. Pulver, '12, is practicing veterinary medicine at Brentwood, Cal.

Thomas G. Storey, '21, asks that his INDUSTRIALIST be sent to 868 S. Gilpin, Denver, Col.

H. G. Roots, '11, is district manager of the Mutual Life Insurance company of New York, at Wamego.

Susan Scott, '28, has moved from Madisonville, Ky., to San Jose hospital, San Jose, Cal. She is a dietitian.

Margaret E. Raffington, '24, M. S. '27, is teaching foods and nutrition in the Michigan state normal, Ypsilanti.

A. B. Nystrom, '07, and Mamie (Frey) Nystrom, '07, reside at 3022 Porter street, N. W., Washington, D. C.

H. A. Ireland, '07, and Myrtle (Kahl) Ireland, '07, live at Montrose, Col., where Mr. Ireland is county agent.

A. E. Hopkins, '16, is employed by the Bryant Electric company in Chicago. His address is 4943 Kenmore avenue.

B. F. Barnes, '18, superintendent of the Colby branch agricultural experiment station is making a fine contribution to agriculture in northwest Kansas.

Sarah (Evans) Harman, f. s., 1890-91, and the widow of J. B. Harman, '95, has recently moved to Manhattan to be with her daughter, Mildred, who is a sophomore at K. S. A. C.

BIRTHS

Calvin Lyon, '26, and Bernice (Coats) Lyon, f. s., announce the birth of a son October 19. Mr. and Mrs. Lyon live in Kansas City, Mo.

Lynn Bradford, '27, and Mildred (Mayden) Bradford, f. s., announce the birth of a son November 9. Mr. and Mrs. Bradford live in Dover, N. J.

A. J. Jensen, '26, and Mrs. Jensen of Hill City announce the birth of Kenneth George November 9. Mr. Jensen is teaching vocational agriculture.

DEATHS

ROMBOLD

Ida Pearl (Carr) Rombold, '21, died in New York City following an operation August 9. Her former home was Anthony. She is survived by her husband, Dr. Chas. Rombold.

PARRY

W. Theodore Parry, '12, Paxico, died at Christ hospital, Topeka, November 6. Mr. Parry's home was at Linwood where he was superintendent of the high school for several years. Burial was near Linwood.

DIAL

Mrs. J. S. Dial, aged 91, died at her home in Manhattan November 6. She is survived by one daughter, Lillie (Dial) Falin, '95, Cleburne; six sons, Geo. H., '96, Cleburne; Fred V., '97, Cleburne; J. L., f. s., Manhattan; M. F., Topeka; Ben W., Holdenville, Okla.; Will, Cleburne; and 19 grandchildren. Among the grandchildren are Florence Dial, '19, and Robert C. Dial, present students.

At Hutchinson Meeting, 75

The K. S. A. C. alumni banquet at Hutchinson was a happy occasion for about 75 teachers gathered in that city to attend the state teachers' association meeting, November 9. Mr. and Mrs. Harold English, '14, arranged for the alumni gathering which was held Friday noon, November 9, at the Masonic temple.

Willard Welch, '21, served as toastmaster for the occasion, introducing first Mrs. W. Y. Morgan, wife of the

chairman of the board of regents, Hutchinson, who gave a short inspirational address that was appreciated by the alumni. W. N. Kelly, '12, superintendent of W. N. Kelly Milling company, was the next speaker. Mr. Kelly is one of the active alumni workers in Hutchinson.

Dr. H. H. King of the college and known to all present gave in his characteristic entertaining way the closing address of the day. Doctor King told the alumni present of some of the new developments at K. S. A. C. and stressed the importance of the alumni keeping in touch with the college and its program through the alumni association.

A Letter from West Indies

Lura (Wharton) Calvin, student from 1906-1908, writes interestingly from her home in Barahona, Dominican Republic. Her husband, J. W.

POP NICKOLOFF FUND IS OVER-SUBSCRIBED

Annual Cosmo-Ditties Draws Big Audience and \$800 Goal Is More Than Realized

Kiril Pop Nickoloff need fear no more that his wife and baby boy in Bulgaria will suffer because he himself is ill with tuberculosis and cannot support them. The third annual Cosmo-Ditties program given by the Cosmopolitan club at the college auditorium as a benefit show for Pop and his family was a huge success. The desired \$800 Nickoloff fund not only was reached but was exceeded.

More than 1,500 persons crowded into the auditorium for the benefit program Friday night, despite cold rainy weather. More than \$150 was taken in at the doors that night from ticket sales, though teams had can-

through the churches of Manhattan, the Y. M. C. A., Y. W. C. A., and by a faculty committee.

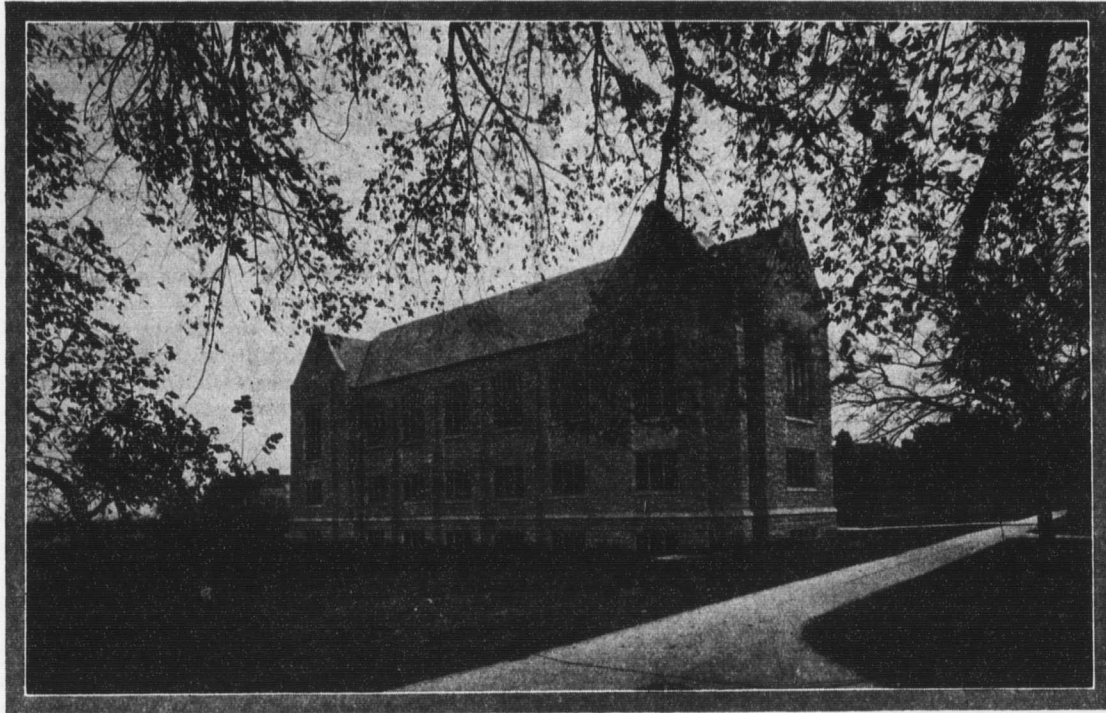
Civils All Get Jobs

That graduates from K. S. A. C. are able to enter the professions that they prepare for is demonstrated in a striking way by the civil engineering graduates of the class of 1928. It has been found that all have entered their chosen profession with one exception and in this case a position was not sought by E. L. Arnold because of ill health.

The list of civil engineering graduates and the firms that they are established with follows:

R. K. Davis, Eureka, and C. B. Ault, jr., Cottonwood Falls, are county engineers; resident engineers in Kansas are J. G. Huffman, jr., Winfield, R. E. McConkey, Ottawa, G. E. Thomas, Garden City, V. L. Pierce,

Library Hall



Visiting alumni should not fail to visit the new library hall at K. S. A. C. The above north view, beautiful as it is, fails to convey a true appreciation of this fine building. Hundreds of students and faculty mem-

bers use this building daily. Of course the essential thing in any library is books and periodicals. A. B. Smith, librarian, is authority for the statement that more funds for books and periodicals are needed to

maintain the K. S. A. C. library on a par with others in similar institutions. Doubtless, every Aggie "grad" feels that K. S. A. C. should have a library second to none.

Calvin, '06, is assistant cultivation superintendent of the Barahona sugar estate. During the winter their two children are in George school near Philadelphia and their summers are spent in the mountains near State College, Pa., where Mrs. Calvin hopes to complete work for her degree. Finding time heavy on her hands because of a ready supply of servants Mrs. Calvin teaches the grade school operated by the company in Barahona.

She Rests and Talks

Ruth Rowland, '12, in writing the alumni office, mentioned a "gab fest" which she had recently with Effie Adams, '11, and Bertha Phillips, '11, of El Monte. Miss Adams, for the past several years a teacher in the Kansas City schools, is taking a needed rest in California.

The Hakes Visit K. S. A. C.

R. A. Hake, '23, and Amy (Lemert) Hake, '23, visited friends on the campus recently. Mr. Hake is district turbine specialist for the Rocky Mountain district of the General Electric company.

Goudy Moves to Denver

Maynard Goudy, '15, has resigned from the Montana Light and Power company of Salt Lake City to become district engineer for the Locke Insulator company of Denver, Col.

vassed the town and college to sell tickets.

Nickoloff was graduated from the division of agriculture last June and returned for further study this fall. He learned then that he could not continue his studies. He was taken to the Norton sanatorium several weeks ago.

Special features of the Cosmo-Ditties were put on by foreign students at the college and by several Kansas university students, each representing their own country. A Spanish tango and Spanish music were given by Franco and Isabelle Sierra de Sota, Francisco Assis, Emmitt Silva, and Francisco Taberner. Two students from K. U., Eli Wamego, a Pottawatomie Indian, and Edwin Gueguen of Pawhuska, Okla., presented some Indian songs and war dances. Others on the program were Dr. Edwin Ziegler, a quartette composed of G. A. Lanzrein, Edwin Ziegler, J. R. Mathias, and E. E. Sear, and the Zapata troubadours who are Flor Zapata, Francisco Taberner, Abraham Assis, from K. U., and Francisco Assis.

Members of the general committee which has charge of the Nickoloff benefit fund are Dean L. E. Call, Prof. L. F. Payne, R. R. Bennett, the Rev. J. P. Jockinsen, Prof. Walter Burr, Miss Elsa Horn, and Prof. E. M. Litwiller.

Tickets for the benefit were sold

College Faculty Women Sponsor Party, Adding Fame to Those Staged Before

Faculty women at K. S. A. C. are becoming famous for their parties. "An Arty Party" was described in the November "Women's Home Companion" by Prof. Ethel M. Arnold of the applied arts department, and is about the exceedingly clever party given by the arts faculty here last spring.

There was another party last week, given by members of the home economics and botany faculties—clever, too, but quite artless! Just delightfully spontaneous and successful. It

was a costume affair and everybody did come in costume, moreover, in originally designed and executed costume, and one spent the evening admiring the ingenuity of the other guests and making other meager taxes on the intellect. Guests were greeted by headless dressmaker's Betsys garbed in costume of the flesh and blood hostesses. A newcomer to the faculty was forced to apologize "I'll remember your names, but pardon me if I forget your faces."

They Represent the Aggies

Lancaster, Cal., is well represented with Aggies on the teaching staff of the Antelope Valley Joint union high school there. R. E. Lofinck, '16, teaches in the agricultural department and Edna (Oettinger) Cockrell, '18, is in charge of home economics.

Curry Owns Prize Winner

William R. Curry, '14, Gentry, Ark., is owner of Inglenook farm, the home of the world's record S. C. W. Leghorn hen, Lady Lindy of Inglenook. Lady Lindy has the official record of laying 149 eggs in 149 days and 291 eggs in 356 days.

Speaking of honors, Dr. Stephen A. Wise says: "I am not deeply concerned about the honors of a man but I am vitally concerned about the honor of the man."

RECENT HAPPENINGS ON THE HILL

A special train and a reduced rate of \$2.75 has been secured for the rooters who are going to the Kansas Aggie-Nebraska game Thanksgiving day, at Lincoln.

Robert Blair, Coleman, Tex., end on the freshmen football team, is in the college hospital with a broken leg which he received in scrimmage with the varsity.

The Manhattan alumni of the Oregon State Agricultural college celebrated their homecoming football game last Saturday with a banquet at the Wareham hotel.

Solon Kimball and John Chandley of the Collegian staff represented the college at the Intercollegiate Press association meeting in Lafayette, Ind., last Friday and Saturday.

Ralph R. Lashbrook, editor of the 1929 Royal Purple, is a representative to the international convention at Evanston, Ill., of Sigma Delta Chi, men's professional journalistic fraternity.

At a recent meeting of class officials, it was decided that the senior students in electrical engineering adopt dark felt hats in place of the leather jackets formerly worn by this group.

Sixty-seven women have been selected by Miss Katherine Geyer, women's physical education instructor, as members of the class hockey teams. The members were chosen on the basis of their daily practice.

A debate team composed of J. R. Bonfield of Elmo and A. R. Challans of Newton met a team from Kansas Wesleyan of Salina at Ellsworth Monday, November 12. No decision was given, the contest being held primarily for demonstration before high school debaters.

Three dozen freshmen football men will be taken to Lincoln for the Nebraska-Kansas Aggie game, according to Freshman Coach Ward Haylett. They will be chosen from those who have reported faithfully all season, and probably will be required to be passing in all or nearly all their work.

A "Wildcat Number" of the Brown Bull was published for the Missouri game. Milton Allison of Great Bend was editor; D. G. Griffiths, Manhattan, associate editor; Quentin Brewer, Manhattan, art editor; Chester Ehrlich, Manhattan, advertising manager; John Watson, Frankfort, circulation manager, and Prof. E. M. Amos, department editor.

K. S. A. C. Graduates Honored

At the meeting of the American Veterinary Medical association held in Minneapolis, August 7-10, the following K. S. A. C. graduates were honored by election to important offices:

W. A. Hagan, '15, professor of pathology and bacteriology in the New York State Veterinary college, Ithaca, N. Y., was elected secretary of the "Section on Education and Research." Chas. W. Bower, '18, 1128 Kansas avenue, Topeka, was elected chairman of the "Section on Small Animals." F. R. Beaudette, '19, New Jersey Agricultural experiment station, New Brunswick, appeared on the program with a paper on "Fowl Cholera Studies." E. A. Tunnicliff, '21, Texas experiment station, Sonora, Tex., and E. C. McCulloch, '24, University of Illinois, Urbana, were joint essayists with Dr. Robert Graham of a paper entitled "The Immunizing Value of Atoxic Botulism Toxin." Doctor Hagan appeared on the program with a paper on tuberculosis of cattle.

Good Old Industrialist!

Dr. Roger C. Smith, on leave from the entomology department of the college, writes from Port Au Prince, Haiti, where he is in the department of agriculture of the island. "Thanks for sending THE INDUSTRIALIST," says Doctor Smith, "it is like a letter from home."

AMES DEFEATS AGGIES IN SNOW AND MUD, 7-0

THIRD QUARTER ATTACK COLLAPSES SHORT OF GOAL

Big Push in First Quarter by Iowa Staters Results in Lone Tally—Players and Officials Get Cold and Muddy
(By H. W. DAVIS)

The 1928 crop of Aggie Wildcats continued their string of Big Six defeats last Saturday at Ames, Iowa, on a field of snow, mud and water. Again they succumbed before a first quarter attack, although the Iowa Staters did not succeed in pushing the ball over the lone touchdown of the game until the opening of the second session. The extra point was scored on a pass from Trauger to Lindblom. Then the game froze at 7 to 0, and neither team was able to do anything but threaten, the Kansas Aggies reaching the Ames 9-yard line in the third quarter and the Iowa Aggies reaching the 3-yard line just as the game closed.

WHY NOT JULY FOURTH?

The gridgraph party at the Warehouse theatre in Manhattan was much more comfortable than the gridiron group that braved the blustery weather at Ames, but it was not quite so happy. Yet it could vision the slippery field, the muddy, pass-proof ball, the dirty suits of the combatants, and the spoiled white trousers of the officials, for fate seems to have decreed that Ames and the Aggies must settle their arguments in mud and slime. Time and again during the past few years Jupiter Pluvius and Boreas have joined forces against them, so we favor scheduling the next Iowa-Kansas tilt for the fourth of July.

Another thing that tended to mar the gridgraph party was the delay in telegraphic reports. In order to dodge washouts and floods and Simplex wires it was necessary to route the play-by-play through Denver. The poles were all wet all the way along and the juice kept sinking into the ground until the patience of the receiving telegrapher almost disappeared.

But to the game. The first quarter was featured by a 70-yard march down the field with Trauger and Lindblom doing the marching. The Wildcats halted it at their own 12-yard line and replied with a punt of 7 yards. Then Ames started marching again, but did not cross the marker until the opening of the following session. The second and third quarters were marked by a stiffened resistance on the part of the Kansas Aggies. In the third quarter their resistance amounted to almost a scoring offensive. But their threat collapsed just a few minutes before the end of the game. Then the Cyclones put on another sudden attack and carried the ball to the Aggie 3-yard line, where the Wildcats stopped it just in time.

PUNTING NOT SO GOOD

Iowa made 12 first downs and gained a total of 196 yards. The Kansas Aggies made 4 first downs and gained 95 yards. Passing was practically impossible and the punting was just what you might expect on a bitter cold, gusty day and a field of snow and slime.

The Ames warriors ended their Big Six season with the contest, having two defeats, two victories, and one tie to their credit. The Wildcats have four defeats down on the books and an engagement with the Nebraska Cornhuskers in the Turkey day offing. Or, to put it in other words, they have everything to gain and nothing but a football game to lose.

The lineups:

Iowa State	Aggies
Johnson	L.E. Towler
Spear	L.T. Freeman
Schlicker	L.G. Tackwell
Kubick	R.G. Pearson
Kern	R.T. Bauman
Lutjens	R.E. Dimmitt
Rudi	Q.H. Evans
Lindblom	L.H. Nigro
Trauger	R.H. Meissinger
Peterson	F. Swartz
Tegland	

SOILS SPECIALIST ADDRESSES SCIENCE CLUB MEMBERS

Officers Elected by Faculty Group—Conrad Is Vice-President

Dr. W. P. Kelley of the California agricultural experiment station lectured to members of the college Science club last Thursday night. Doc-

tor Kelley is an eminent authority on scientific phases of alkali soils and discussed soil problems in his address. He has developed a practical means of reclaiming alkali soils in California.

Dr. P. V. Cardon, director of the Utah agricultural experiment station, also addressed the Science club members.

Following these addresses, officers for the current year were elected. The president of the college always is president ex-officio of the club. Prof. L. E. Conrad, head of the civil engineering department, was chosen vice-president; Prof. H. H. Haymaker of the botany department, secretary; and Prof. R. M. Green of the agricultural economics department, treasurer.

ENGLISH DEPARTMENT STARTS LECTURE SERIES

'Some Representative Recent Literature' Is General Subject for Weekly Talks in Recreation Center

A series of lectures, "Some Representative Recent Literature" given by members of the department of English faculty of K. S. A. C. was inaugurated Tuesday evening, November 20.

The series will be continued to March 5, the lectures being Tuesday evenings at 7:30 o'clock in recreation center. Students, members of the faculty, and the general public are invited to attend.

Following is the schedule:

December 11—Plays of the Art Theatre ("Strange Interlude," by Eugene O'Neill; "The Field God," by Paul Green), C. W. Matthews.

December 18—The Artistic Novel ("The Bridge of San Luis Rey," by Thirton Wilder; "The Children," by Edith Wharton; "Mrs. Dalloway," by Virginia Woolf), Miss Anna Sturmer.

January 8, 1929—Significant Short Stories ("Lord Emsworth and the Girl Friend," by P. G. Wodehouse; "A Separate Peace," by Ernest Hemingway; "Never Anything That Fades," by Wilbur Daniel Steele), Miss Ada Rice.

January 15—An Interpretation of Some Recent Poetry ("Good Morning, America," by Carl Sandburg; "Trivial Breath," by Elinor Wylie; "Buck in the Snow," Edna Millay), H. W. Davis.

February 12—The Family History Novel ("The Silver Spoon," by John Galsworthy; "Swan Song," by John Galsworthy), N. W. Rockey.

February 19—Biography or Fiction? ("The Exquisite Perdita," by E. Barrington; "Disraeli," by Andre Maurois; "Palmerston," by Philip Guedalla), J. O. Faulkner.

February 26—A Modern Look at the Past ("Man Currents in American Thought," by Vernon L. Parrington), Miss Helen Elcock.

March 5—The Sophisticated Novel ("Point Counter-Point," by Aldous Huxley; "No More Parades," by Ford Madox Ford), A. W. Breeden.

CONOVER SEES NEED OF NEW LITERATURE

PLACES IT IN UNDERGRADUATE CURRICULUM

Study of Contemporary Letters Develops in Student a Sense of Values—He Acquires Also an Important Sense of Fairness

An illuminating article on the benefits of a course in contemporary literature appears in the October issue of the Chicago Schools Journal, monthly publication for the Chicago Public Schools and the Chicago normal. Its author is Robert W. Conover, professor of English at the Kansas State Agricultural college.

His is a scholarly plea to give the new in literature a place in the undergraduate curriculum, to recognize some of the values of the present as a means of discovering the relationship of the past and the present. Professor Conover in his discussion questions the exclusive attention to the past given in most literature courses and points to the desirability of a course in contemporary literature. The immaturity of the undergraduate is often given as a reason for withholding the new in literature from him.

STUDENT OPINIONS REPRESSED

In this connection the article says, "We expect too much immaturity of the young. We are so desirous of their having right opinions that we carefully give them ours, that is, those which we have censored. We may intimidate our students so much that they offer no statement of their opinions. It is regrettable but true that students have been known to conceal their own ideas and echo those of the teacher."

Again Professor Conover writes, "The new ideas in modern literature are statements in the terms of today of problems that are as old as the race and yet must be expressed in some way by each generation. Especially where these ideas touch upon morality, in the narrow sense of the word, do they disturb many people. It is immoral to consider morality. Morality in transition always seems immoral. There may seem to be confusion because we ourselves have not achieved the power to think clearly about the present."

MUST ENCOURAGE THOUGHT

Two methods of teaching contemporary literature are mentioned in the text of the article. One is the topic method, and the other the method in which individual authors or groups of authors are discussed.

"There is always the danger that in contemporary literature the teacher will be either too hospitable to the merely new, or that he may emulate Horatius at the bridge in endeavoring to protect the sacred citadel of literature," an interesting part of the article states. "There is the possibility that the student may not be incited to thoughtful discussion and

that he may do little study. A course in contemporary literature should not be a substitute for afternoon tea or the old fashioned quilting party."

In the conclusion, Mr. Conover points out some of the benefits derived from a study of contemporary literature. One of these is the acquisition of that receptive state of mind or of the emotions known as a sense of fairness. Such study will develop a sense of literary values. The student will, if he has mastered his previous courses in literature, be able to appreciate the promise and the achievements of some of the writers of today. Courses in contemporary literature will show him that discrimination is a personal and unavoidable test of his ability.

FOUR 'K' MEN RETURN FOR AGGIE CAGE TEAM

Coach C. W. Corsaut Expects Fair Basketball Season—Thirteen Games on Wildcat Schedule Thus Far

Thirteen basketball games have been definitely scheduled for the 1928-29 K. S. A. C. team, and negotiations are under way for completion of the 18 game schedule allowed by the Big Six conference. Ten games will be played against conference teams, each opponent being met at home and abroad.

Non-conference games are listed with Creighton at Omaha, with Washington at St. Louis, and with St. Louis university at St. Louis. Other possibilities are home and home games with Oklahoma A. & M.; two or three games with schools in Texas during the Christmas holidays; a home game with Creighton.

Four lettermen have returned from last year, and there are three other men with varsity experience. Prospects are for a fair season, according to Coach C. W. Corsaut, who is more optimistic now than earlier in the fall.

Much missed will be Elmer Mertel and A. R. Edwards two letter men who completed their competition last year, and R. L. Youngman, letter man at forward, who also finished competition last season. Unexpected, however, was the loss of Walter Jones, sophomore guard from Kansas City, who was expected to have all-conference possibilities for this season, and S. H. Brockway, a letter man at forward. Likewise lost to the squad are H. O. Frazier, Idaho; William Jardine, Washington, D. C.; and Bob McCollum, El Dorado, who are in school but will not be able to go out for basketball.

Returning letter men are Captain E. J. Skradski, Kansas City, forward; A. H. Freeman, Hoxie, center or guard; La Mont Gann, Burden, forward, and R. U. Brooks, Hutchinson, center. Other returning varsity squad members are Kermit Silverwood, Ellsworth, forward; L. E. Smith, Caldwell, guard; C. D. Richardson, Hugoton, guard.

Coming up from last year's freshman squad are several good prospects. Among them are H. R. Weller, Olathe, guard; Alex Nigro, Kansas City, Mo., forward; Henry J. Barre, Tampa, guard; Ray Russell, Kansas City, Kans., forward; W. A. Forsberg, Lindsborg, forward, and R. C. Vogel, Stuttgart, center. Weller, Nigro, and Barre are also football men.

Of all the Big Six schools Missouri seems to have the best outlook, with eight of 10 lettermen returning, and a prospective team averaging more than 6 feet 2 inches in height. Nebraska loses only one letterman, and Kansas university also has good prospects. Oklahoma, 1928 champions, lost Holt, all-conference center, and two good guards, but is still much to be feared. At Iowa State college Louis Menze, formerly at Kansas City, Mo., high school, is starting his first season as coach.

A New Journalism Bulletin

"An Editor's View of the Farm Problem" will be the title of the ninth bulletin of the industrial journalism series. Speeches given at the recent superior editors' banquet by Wheeler McMillen, Prof. C. E. Rogers, and Prof. F. E. Charles will be included, as well as biographical sketches of the superior editors.

More than one-fourth of the population of the United States is engaged in going to school and in teaching.

TUNE RADIOS ON KSAC NEXT MONDAY NIGHT!

'TIS ANNUAL ANNIVERSARY DAY PROGRAM

New Wave Length of Station is 516.9 Meters or 580 Kilocycles—Entertainment Runs from 6:30 o'clock Until Midnight

On Monday evening, November 26, radio station KSAC will celebrate five years of broadcasting with its fourth annual anniversary night program. Beginning at 6:30 o'clock and continuing until midnight, the program should be an interesting one for the alumni, according to the program director, Lisle L. Longsdorf.

FIRST BROADCASTING IN 1922

This year's anniversary night program will be broadcast on the new wave length of 516.9 meters or 580 kilocycles. It is the opinion of Glenn Webster, chief engineer, that reception by alumni and fans will be better than ever before. Since the new allocations have taken effect, many letters have been received by the station director's office from all section of the United States, saying the reception has been good.

The first year of broadcasting, 1922-23, was from station KFKB, Milford, by remote control. However, since December 1, 1923, the "Voice of the Kansas Aggies" has been heard from station KSAC.

The anniversary program committee consisting of Kenney Ford, alumni secretary, the announcing staff, and the director of radio programs has assembled the following tentative program for the anniversary:

THE TENTATIVE PROGRAM

6:30—concert by K. S. A. C. band, Myron Russell, director; two minute talks by Dean E. L. Holton, Dean Margaret Justin, Dean R. A. Seaton, Dean R. R. Dykstra, Prof. Ada Rice, Miss Jessie Machir, registrar, and Prof. L. E. Conrad.

7:15—address by President F. D. Farrell.

7:20—glee club concert; two minute talks by Dean Mary P. Van Zile, Prof. B. L. Remick, and Miss Grace Derby, associate librarian.

7:41—greetings to alumni by Kenney Ford, alumni association secretary.

7:46—talk by Prof. Albert Dickens.

7:51—concert by college orchestra, Lyle Downey, director; two minute talks by Coach A. N. "Bo" McMillin, Prof. Ralph R. Price, Prof. J. V. Cortelyou, Dr. J. H. Burt, and Prof. Walter Burr.

8:31—sketch of a long ago game by Prof. H. W. Davis.

8:34—glee club concert; two minute talks by Dr. Howard T. Hill, Prof. J. O. Hamilton, and Colonel James M. Petty.

8:55—alumni feature by Dean J. T. Willard.

9:10—music by faculty trio.

9:30—messages from Governor Ben S. Paulen, Senator Charles Curtis, Senator Arthur Capper, and W. Y. Morgan by George Gemmell.

9:45—two minute talk by A. A. "Doc" Holtz.

9:47—two minute talk by Dean L. E. Call.

9:49—4-H club program.

10:09—talk by station engineer, Glenn Webster.

10:14—one act play, Miss Osceola Burr in charge.

10:34—Cosmopolitan club program.

10:49—literary societies.

AGGIE COEDS FOND OF RIFLE TEAM ACTIVITIES

Like Sport so Well That Captain Rose Has Issued Challenge—Massachusetts Accepts

K. S. A. C. women students showed so much interest in rifle team competition last year that challenges for telegraphic matches have been sent out to other schools by Captain Maurice Rose this fall. One of these challenges has been accepted by the girls' rifle team of the Massachusetts A. and M. college. Representatives of the two schools will fire a telegraphic match Next January 26.

More than 100 girls are competing for the team, but after Thanksgiving the number will be cut to 20 and from this group the 10 girls who will shoot in the matches will be selected.

PROGRESS OF KANSAS PRESS

F. E. C.

The motto of the Sedgwick Pantagraph, Earl Leedy, editor, is "to meet the other fellow a little more than half way."

"Our aim," declares the Holton Recorder on the front page, is "to make Jackson county increasingly the home of the milk cow, the hen and the hog, whose presence is the best guarantee of our material prosperity."

The Goodland Chamber of Commerce is sponsoring a trade extension campaign in which the News-Republic is playing a major part with sixteen page editions, containing many large, attractive display advertisements. T. A. McCants is manager, Charles L. Bigler, editor.

The Daily Republican at Burlington is staging tomorrow its annual party for correspondents and rural mail carriers. It "will be held at the Burlington M. E. church basement. Dinner will be served at 12:15," say invitations sent by Editor John Redmond. Following the dinner the cornerstone to the Republican's new office will be laid and then the guests will be entertained at a local theater. Wives and husbands of the corre-

spondents and carriers are invited also.

Vance Rucker, Harper county agricultural agent, seems to know how to use the papers in his county and the papers seem to know how to use him. The Anthony Republican-Bulletin runs a good agricultural layout under Rucker's name. The county agent adds his own opinions to such features as the K. S. A. C. farm calendar. This helps the calendar greatly and Rucker can help the farm page by supplying local news stories along agricultural lines. H. M. and J. P. Sydney are the Republican-Bulletin publishers.

The editorial page of the Burlington Enterprise-Chronicle is unusual. Two columns of editorial matter are run wide measure—19 1/2 picas—which gives the page a distinctive appearance. The masthead carries not only the names of the publishers, Stodard & Stodard, but the names of every correspondent to the paper. Regular features on the page are several well written editorials, "Dad's" Column, Dr. Frank Crane's column, Arthur Brisbane's "This Week," and Sayings of Others in which are reproduced comment from other papers.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, December 5, 1928

Number 11

AGGIES DROP THRILLER TO CORNHUSKERS, 8-0

WEATHER MAN FAILS TO SPOIL TURKEY DAY GAME

Wildcat Team Upsets Dope in Snow Battle and Holds "Juggernaut" to Lowest Conference Score of Season

(By H. W. DAVIS)

The weather man tried his very best and his very worst to spoil a good game of football at Nebraska university on Thanksgiving day, but he failed most miserably. Before a shivering, freezing crowd of six thousand never-quit sportsmen the Kansas Aggies and the Nebraska Cornhuskers put up an exhibition of gridiron art that would have been considered snappy on even the driest of firm, green turfs. Nebraska won 8 to 0, with four to six inches of snow below and a heaven full above.

To show that he didn't mean maybe, old Boreas sent down a couple of inches of snow just after the twelve-o'clock whistles were done with their high noon blowing. At two, time for hostilities to open, he pulled out the blizzard stop—and such a tune as he did play. Even yellow slickers, atop sweaters, overcoats, and mufflers, turned a Christmas white. The goal lines and the yard lines disappeared despite the frantic efforts of the broom brigade from the Nebraska janitor force. The pay customers sought shelter under the second deck. The typewriters and the band instruments froze up. Punters booted footballs high into the snowstorm and safety men guessed where and when they would come down. Everything congealable congealed. But the pep of the players and the pep of the fans remained as hot as old Mister Cayenne himself.

WISEACRES WERE WRONG

Everybody feared—in his infinite football wisdom—that anything approaching good football could not be expected. Everybody expected that the Cornhusker Juggernaut would set itself in intermediate and gradually pile up a convincing stack of touchdowns. The play would be slowed up considerably, but of course there was no doubt about the ultimate achievement of Blue Howel and his Roughriders. A blooming lot the wiseacres knew about it!

But that wasn't what happened at all, at all. The Kansas Aggies, stung with the memory of four conference defeats, made one vicious lunge for the dope bucket and splashed its murky contents all over both wings of the stadium. The biggest splash of all sailed high up into the press box and hit the experts smack in their faces. The Wildcats showed a fondness for the Cornhusker bone-crusher from the very first and took delight in hurling monkey wrenches into it at every start.

It was a bang-up game of football. There's little use going into details. One would have thought, from the way plays were reeled off and stopped, that football had been invented by the Esquimaux. Of course there was fumbling a-plenty and to spare, but there wasn't as much as would have been excusable. Though it was largely a battle of forward walls, the backfield artists time and again did thrilling foot work and nice passing. Nebraska's lone touchdown came as a result of one of the passes that worked. The safety came when Lyon was unable to get off a punt from behind his goal line.

FANS WELL REPAID

The few Aggie fans who oozed up to Lincoln on the football special were well repaid for all the turkey dinners they didn't stay at home to eat. For they got to see a "Bo" McMillin team play some "Bo" McMillin football—and they liked it. The Wildcats seemed suddenly to come into a realization of what they could do. They not only gave evi-

FOOTBALL RESUME, 1928	
Sept. 29—Bethany, 7; Aggies, 32.	
Oct. 6—Okla. A. & M., 6; Aggies, 13.	
Oct. 13—Hays Teachers, 7; Aggies, 22.	
Oct. 20—Kansas U., 7; Aggies, 0.	
Oct. 27—Oklahoma, 33; Aggies, 21.	
Nov. 10—Missouri, 19; Aggies, 6.	
Nov. 17—Iowa State, 7; Aggies, 0.	
Nov. 29—Nebraska, 8; Aggies, 0.	

dence of fight and spirit, but also demonstrated that they had skill and the peculiar sense of unity displayed by top-notch football machines. In both offensive and defensive play they tore through and frequently on with an earnestness and a zip that was mighty pleasing. And they did it for four consecutive quarters.

So endeth the football season of 1928. A run of five defeats terminating in something somewhat better than a scorekeeper's conception of victory. So don't count the Aggies out for 1929. Nobody that saw them battle the Cornhuskers is doing so.

COLLEGE JOINS LIST OF APPROVED SCHOOLS

Association of American Universities Accredits K. S. A. C. at Annual Meeting Last Month

The Kansas State Agricultural college has been placed upon the list of institutions of higher education approved by the Association of American Universities, the only American accrediting agency that is recognized by European universities and colleges. At its annual meeting in St. Louis, November 17, the association voted, on the recommendation of its committee on classification of colleges and universities, to place K. S. A. C. upon its approved list of technological institutions.

This list includes Purdue university, Iowa State college, Pennsylvania State college, Carnegie Institute of Technology, Lehigh university, Massachusetts Institute of Technology, and fourteen other colleges and universities. Kansas State Agricultural college is one of seven state colleges that have been admitted to the classification.

The action taken by the Association of American Universities followed application for approval made by the college about 18 months ago and an inspection of the college in May, 1928, by a representative of the association.

KANSAS GRAIN JUDGES THIRD IN CROP CONTEST

North Carolina and Iowa Are First and Second—Aggies Are High On Identification

Third place was won by the Kansas State Agricultural college grain judging team in the intercollegiate contest at Chicago last Saturday. The contest was sponsored in connection with the International Grain and Hay show. North Carolina won first and an Iowa team was second. The Kansas team ranked first on identification and eighth on placing in individual ranking of all contestants.

H. C. Abell of the Kansas team placed third and L. P. Reitz, Kansas, placed tenth. In individual ranking on identification Reitz placed second, Abell third, and G. J. Casper, Jr., placed seventh. Scores made by teams and individuals were not available.

AGGIE MEAT JUDGES WIN FOURTH IN ROYAL CONTEST

Team Members Are Otto Funk, I. K. Tompkins, and Dale Scheel

The K. S. A. C. men's meat judging team placed fourth in the American Royal contest at Kansas City recently. Missouri university won first, Illinois university, second, and Iowa State, third. Members of the Kansas team coached by Prof. D. L. Mackintosh are Otto E. Funk, Marion; I. K. Tompkins, Byers; and Dale Scheel, Emporia.

COLLEGE RANKS HIGH IN COLLEGIATE EVENTS

WINS FIRST, SECOND, OR THIRD IN 39 OF 69 CONTESTS

K. S. A. C. Teams Place in Upper Half of Competitors 52 Out of 69 Times, President Farrell's Biennial Report Shows

As long as Kansas State Agricultural college students continue to take honors at shows like the American Royal in Kansas City, Kansas taxpayers don't mind if the Aggie football team has an occasional off year.—Atchison Globe.

Students of the Kansas State Agricultural college have an enviable record to uphold in their intercollegiate competition, an analysis of the president's forthcoming thirty-second biennial report shows. Though the record of the college for many years past has been equally as good, during the last biennium in 69 intercollegiate contests or series of contests college teams have ranked first 14 times, second 13 times, and third 12 times.

The K. S. A. C. representatives have ranked in the upper half of the contestants 52 times and in the upper fourth 34 times. Only three times has this institution ranked at the bottom of the group of competing institutions. These 69 contests include various phases of agricultural, forensic, athletic, and marksmanship contests. They are divisible into two groups, those which consist of a single event, like the grain and hay judging contest or the Missouri Valley oratorical contests, or those which consist of a series of contests continuing throughout a season, like football and basketball.

COLLEGE CAPITALIZES RIVALRY

Both intramural and intercollegiate forms of rivalry are capitalized by the college and used extensively as a supplement to the regular work of the classroom and laboratory, President F. D. Farrell states in the report.

"The value of well directed rivalry as a stimulus to the development of mental, spiritual, and physical power has been recognized by the college since the time of its organization in 1863," the report continues. "In the beginning, rivalry was limited to the campus. Contests in which this kind of rivalry is expressed still are an important feature of student life. The annual oratorical contest by representatives of the student literary societies is an example. This contest has been conducted annually for the last 28 years. While there has been no diminution of interest in intramural contests, there has been a large growth during the past quarter century in the number, popularity, and usefulness of intercollegiate contests.

"The usefulness of these contests should not be regarded as limited to the students who participate in them. Before a contest takes place a group of students ranging in number from 10 or fewer to 100 or more, compete among themselves for places on the team that is to represent the college, if the contest is intercollegiate, or that will represent a class or other organization, if the contest is intramural. This competition takes different forms in the preparation for different contests.

TRYOUTS BENEFIT MANY

"In the livestock judging contest, for example, only senior students are eligible for places on the team, but the freshman or sophomore student who aspires to participate in this contest when he becomes a senior begins at once to fit himself by close attention to his work in the elementary stock judging classes, in anatomy and physiology, in the study of market and breeding types of livestock, and even in extempore speech, for he must be able to explain clearly and forcefully his ranking of the animals used in the contest. In this way the stock judging contest stimulates interest in several college subjects and so benefits many students who do not

participate in the final contest at all.

"The same is true of every intramural and intercollegiate contest including those in athletics. The development of that degree of self-mastery and knowledge that is required to win a place on a contesting team is in itself a valuable part of the college training."

EISENHOWER DIRECTS U. S. D. A. PUBLICITY

K. S. A. C. Graduate Succeeds Nelson A. Crawford in Supervision of Information Services

Milton S. Eisenhower, a graduate of the Kansas State Agricultural college, became director of information of the United States department of agriculture December 1.



MILTON S. EISENHOWER

He succeeded Nelson A. Crawford, widely known author, journalist and publicist, who resigned the directorship to become editor-in-chief of the Household, a Capper publication.

When attending the college Eisenhower was prominent in many college activities, as well as in his journalism courses. He took special work in technical and social sciences and wrote for magazines and other publications. He won the Missouri Valley Intercollegiate oratorical contest and the Missouri Valley Intercollegiate contest in extemporaneous speech. He was a student in the department of industrial journalism.

Upon his graduation in 1924 he was appointed a member of the journalism faculty. A year later he was appointed vice-consul of the United States at Edinburgh, Scotland. Following two years of service there, he became confidential administrative assistant to Dr. William M. Jardine, secretary of the United States department of agriculture. As director of information Mr. Eisenhower will supervise the division of publications, the radio service, and the press service for the U. S. D. A.

Mr. Crawford, whom Eisenhower succeeds as director, is a widely known writer and editor. He became director of information three and one-half years ago, leaving the headship of the K. S. A. C. department of journalism to assume the directorship of information of the United States department of agriculture.

BRUNSON REPORTS CORN INVESTIGATIONS RESULTS

To Prepare Manuscript on Pride of Saline Variety

Dr. A. M. Brunson, in charge of corn investigations at the Kansas experiment station, recently went to Washington, D. C., to do some special work in the office of cereal investigations, United States department of agriculture. While in Washington Doctor Brunson will prepare a manuscript relative to pedigree selection of Pride of Saline, a popular and the most widely adapted corn variety grown in Kansas.

COLLEGE HEADS GET LAND GRANT DUTIES

SEVEN STAFF MEMBERS SERVE ON COMMITTEES

President Farrell Named on Group to Determine State Fiscal Policies— Seaton Is Secretary of Engi- neering Section

Members of the Kansas State Agricultural college executive and teaching staff shared in the division of duties in connection with the forty-second annual meeting of the Association of Land Grant colleges and universities in Washington, D. C., in November. Members of the K. S. A. C. staff presented papers at the association meetings and seven persons were appointed or elected to permanent committees for the coming year.

SEVEN ON COMMITTEES

President F. D. Farrell was made a member of the new committee on state fiscal policies. R. A. Seaton, dean of the division of engineering and director of the engineering experiment station, was made secretary of the engineering section of the association. Dean Seaton is also a member of the committee on engineering experiment stations. Dean L. E. Call was chosen as a member of the committee on experiment station organization and policy. Dean H. J. Umberger was made a member of the committee on radio, and Dean Margaret Justin was placed on the committee on agriculture, home economics, and mechanical arts, and on the committee on rural home management studies. Prof. G. A. Dean was appointed to the committee on publication of research, and Dr. W. E. Grimes to the committee on distribution of farm products.

The following papers were presented: "What the Land Grant Institutions Have Accomplished," by President Farrell; "Agricultural Engineering in Land Grant Colleges," by Dean Seaton; and "Contributions Made to Home Economics Education by Agencies Outside the Department of Home Economics," by Dean Justin.

FOR CLOSER CONTACT

The purpose of the Association of Land Grant colleges and universities is to establish a closer contact between the land grant schools and the federal government.

College faculty members who attended the convention were President Farrell, Dean Call, Dean Seaton, Dean Justin and Dean Umberger.

AGGIES PLACE THREE MEN ON BIG SIX 'STAR' TEAMS

Lyon, Pearson, and Towler Figure in Selections

Three Kansas Aggie football players figured in selections of "all star" teams announced at the close of the season. George Lyon, Manhattan, playing his third year at tackle, was given a position on the first team of nearly every Big Six conference "star" eleven chosen, including those of the Associated Press, the United Press, The Kansas City Journal-Post, and of L. E. Edmonds of Topeka.

Bert Pearson, Manhattan, playing his third year at center, won a place on the second all-star team in nearly every selection, and W. H. Towler, Topeka, likewise was placed at end on several selections. Nebraska university, which had the outstanding team of the conference, was given from five to seven places on the various teams.

HIGH SCHOOL YOUNGSTERS HEAR COACH 'BO' McMILLIN

Aggie Mentor Fills Several Speaking Assignments

A. N. McMillin, head football coach at the college, is making a series of addresses to high school football teams during the early part of December. Towns where McMillin will speak are Wakefield, Colony, Russell, Osborne, and Oskaloosa.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, LILLIAN HUGHES NEIS-
WANGER, R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, DECEMBER 5, 1928

WHAT THE ROYAL SYMBOLIZES

We call this the machine age, the day of the automobile and the tractor. Yet the animals, and especially the horses, at the American Royal were "thrilling thousands," "shattering attendance records," even causing women to faint from excitement. The "fast, fascinating" show has "ceased being a great show and has become an institution," according to onlookers.

Perhaps the novelty element accounts in part for present interest in horses. More likely we may account for it by a deep rooted and universal love of splendid animals, which is more constant and enduring than epochs and "ages."

Whatever the horse's economic status, still unsettled in a changing period, there can be no question of the vast importance of that part of agriculture which the Royal particularly symbolizes, the livestock industry. In an apt and concise statement Dr. C. W. McCampbell, head of the department of animal husbandry of the college, summarized this significance, addressing Kansas and Missouri newspaper men at the close of the Royal. Of the total 8 1/2 billion dollars' value of crops in the country, 4 1/2 billions is marketed through livestock, he pointed out.

"That means 50 cents of every farm dollar is represented in livestock," he added. "The American Royal, with its great lesson in fine breeding, is pointing the way to greater economy in handling the farmer's dollars."

A PASTORAL LAMENT

Frost has come and we haven't been walnutting yet. English youth of bygone days must have sung, "A-nutting we will go." More prosaically, but with no less lilt and spirit we Kansans say, "We must be getting out after walnuts."

Or was it only in days that are also gone by? Walnutting was, anyway, a yearly occasion, to be observed as certainly as Thanksgiving or Hallowe'en, though the date wasn't so definite. It was one of those ceremonious pauses which are the lyrics of life. Keeping tryst with nature, this one was, perhaps.

The woods are very crisp and crackly on a walnutting afternoon. The sun glows, but it is very low and comes in almost horizontally through the trees while we are still just tramping through dry leaves and delighting our eyes with outdoor perspective. It is suddenly late. We shove the nuts into the gunny sack. Let the hands get stained. All pile into the spring wagon.

No, it is the automobile now. And we haven't time to go walnutting.

DETECTIVE STORIES IN AGAIN

President-elect Hoover has about 50 detective stories aboard the U. S. S. Maryland as it steams south, according to a reporter with an eye for human interest appeal. Movies and detective stories will serve as diversion for him "after he has determined upon his itinerary, over which he worked most of one night."

Mr. Hoover thus helps to boost the lowly detect-a-tive from the ranks of

wood pulp magazines to a position of importance and prestige.

As a matter of fact, however, the shrewd "detective" and the mysterious thriller haven't been as scorned in the so-called upper circles as the populus may have thought. Both Roosevelt and Wilson are said to have enjoyed a good "detective" or mystery as a recreational antidote to the strenuous work of public office. No less a critical journal than the Saturday Review of Literature has printed critiques by connoisseurs of the detective story.

Then, and very especially, should be mentioned the vogue for this type of recreational reading among college professors. Midnight oil isn't always burned over scientific puzzles. Detectives and mysteries provide an emotional relief from the intensities of the classroom and laboratory. At least one rationalizes the professor's action thus.

And now that great men and scholars are doing it, the general public may flaunt the lowly detective on the reading table without need for apology.

RESTORED CONFIDENCE IN FARMING

There is abundant evidence that farm land offers an opportunity for safe investment. When capital is attracted to any industry from outside sources the assumption is that those who put their money into the project expect adequate returns. Since the first of the year there have been more than 500 sales of farm land in Iowa at an approximate average of \$200 an acre. The highest price is reported at \$383 an acre. This was a cash consideration. One firm reports the sale in the last 30 days of 11 farms which had been acquired in recent years under foreclosure of mortgages.

Large syndicates have been formed for the purchase of land in Colorado, Kansas, Nebraska, Iowa, and Illinois. Numerous sales of individual farms have occurred in Missouri. Refinancing has permitted many owners who were in distress to withdraw their lands from the market. Profits obtained from growing crops and handling livestock have been used to reduce indebtedness or to finance land purchases.

Improvement in the financial condition of farmers themselves and a definite tendency on the part of those who have surplus funds to look with favor on farm lands should result in an increase in land values. Most of the inflation in values has been eliminated. Interest rates have been reduced. Long time loans with an amortization clause can be obtained. Land properly handled is returning a profit to investors. All of these factors are reflected in farm sales. Confidence in farming as a business is rapidly being restored. —From the Weekly Kansas City Star.

HOW BAD IS MODERN YOUTH?

"Undergraduates" is a recent study of college life in the United States. The book virtually is a collection of more than 1,100 interviews with student leaders, deans, professors, presidents, and others in 23 institutions, "scattered in 15 states, from Kansas to New Hampshire." It was prepared under the direction of the institute of social and religious research.

The revelations seem to include these: that young people in college are not essentially different from those outside; that where there are idleness, waste of money, or misconduct in one relation or environment they are likely to appear in the other; that the colleges, in short, represent something of a cross section of youthful life as a whole.

The authors of the study state that "they wish to place on record their conviction that in most of the institutions visited the dominant moral tone was being set by men and women of high ideals and courage."

Thus if a conclusion is inevitable, one must feel that in general the conduct of young people in the institutions of higher learning is on a reasonably safe basis.

—From the Topeka Daily Capital.

THE BEST TEACHER

No one is fit to be a teacher in whose own mental process education has ceased to go on. One is a student first and only incidentally a

teacher. The best teacher is the seeker after truth amongst his students. Probably the most successful educator cannot tell what is the secret of his success in teaching. That which is important about the philosophy of education is not method but that background of knowledge which enables its possessor to judge what is worth knowing and doing. —From "The Meaning of a Liberal Education," by Everett Dean Martin.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

B. K. Baghdigian, '16, was director of Americanization for the Women's council in St. Louis, Mo.

Dr. R. K. Nabours gave an illus-

send for this paper and see what advantages are offered in the five courses taught."

FORTY YEARS AGO

R. J. Elliott of Morrill, Kan., presented the college with a collection of stone hatchets, spear and arrow points, awls, and burial relics.

Mr. Moriz Weinrich of Irondale, Mo., was a visitor at the college, having come to make inquiries as to the development of the sugar beet industry, preparatory to locating a sugar beet factory.

FIFTY YEARS AGO

Visitors here were Governor J. P. St. John, former Lieutenant Gover-

What is College For?

F. D. Farrell

The American people have developed an enthusiasm for education that amounts almost to an obsession. To be graduated from high school has become virtually a social necessity and to go to college is widely regarded as a *sine qua non* of respectability. With many people college attendance seems to be as much of a fad as church-going is with the pseudo-religious or flag-waving with the pseudo-patriotic. Such people seem to have a conception of the purpose of college attendance that is related only remotely, if at all, to genuine education.

For most of the blessings that are available to us we are indebted to genuinely educated people. The men and women who have led mankind in the struggle to escape from ignorance, fear, disease, and poverty have been this kind of people, most of them college trained. They have given us something of an understanding of man's place in the universe, of the forces of nature, and of the vulnerable spots in the armor of many of our natural enemies. They have helped us to learn something about how to use the fundamental truths of the sciences and of the arts to promote the welfare and happiness of mankind, individually and collectively.

These genuinely educated people did not pursue a course of training for the purpose of being in vogue. For them, going to college was an opportunity to indulge their love of learning, a method of enriching the mind and the spirit. For them, a college career was a period of joyous labor. They knew that nothing worth having can be obtained without hard work and that this is especially true of education. Their successors, the genuine collegians of the present day, are actuated by the same motives. They are hard workers. They have a zest for doing difficult things. To them, an intellectual or spiritual obstacle is something not to be run away from but to be grappled with, if only for the joy of the struggle and the satisfaction of achieving self-mastery.

As we as a people grow in educational wisdom and experience, we shall regard college less as a method of gaining superficial respectability, as thousands of people now do, and more as a means of enabling people to increase their value as scholars, as citizens, and as human beings through the cultivation of the intellect and the liberation and enrichment of the human spirit.

trated lecture pertaining to the hereditary evolution of animal life.

George F. Haas, '14, was called from the medical reserve corps into the veterinary corps and was stationed at Camp Lee, Va.

TWENTY YEARS AGO

S. S. Young, '08, was employed by the Chapman Electric Light and Power company to remodel the old plant.

Professor Kinzer and his senior class in stock judging went to Wakefield to study the herd of the Avery brothers.

Professor Headlee, Professor Wheeler, and Professor Pratt of the agricultural college were among the speakers at a two-day meeting of the Sedgwick county farmers' institute in Wichita.

THIRTY YEARS AGO

The Kansas Farmer published the paper, "Dairying in Kansas," which was read before the Students' Farmers' club by George E. Williams, '00.

The following concerning THE INDUSTRIALIST appeared in the Appeal to Reason: "Among the dry sands of dreary college publications, THE INDUSTRIALIST published by the Kansas State Agricultural college is an oasis. The paper is a delight to the thinker out of the old ruts. The seeker after an education should

nor M. J. Salter, and the Rev. J. W. Clock.

The class in geology consisting of 16 students visited Wildcat creek to study the geological formations found there.

George A. Gale sold his interest in the Manhattan nursery to John Blachly. Mr. Gale took up a position with A. B. Whiting in the lumber and grain business at Milford.

In the 1928-29 edition of Who's Who in America, the usual table of the educational backgrounds of the famous men and women listed is reproduced with the following findings: college graduates, 14,055; college students but not graduates, 3,022; high school graduates, 2,756; common school graduates, 1,880; those who listed no educational data, 1,814; self educated, 388. Looking over the pages of Who's Who one finds Colonel Charles A. Lindbergh as one of the new entries. The flying colonel is given more space than that devoted to Calvin Coolidge. Mayor "Jimmie" Walker is in also, but rates less than Mayor "Big Bill" Thompson of Chicago. Gene Tunney and "Babe" Ruth were both passed up by the compilers of the book.

All men think all men mortal but themselves. —Edward Young.

FALL IN GEORGIA

From "John Brown's Body" by Stephen Vincent Benet

Fall of the possum, fall of the 'coon, And the lop-eared hound-dog baying the moon. Fall that is neither bitter nor swift But a brown girl bearing an idle gift, A brown seed kernel that splits apart And shows the summer yet in its heart.

SUNFLOWERS

H. W. D.

AS YOU LIKE IT

There is something yet to be learned from the cafeteria and the automat.

Whenever educators evolve a scheme of educating that will permit educatees to have an active voice in their education, colleges and universities will enjoy a new era of progress and health.

College students as a whole prefer not to be educated. They want passing grades and diplomas and degrees. The only day they look forward to with convincing enthusiasm is the holiday; the more unexpected it is and the more it breaks into the routine of so-called learning, the better they like it.

It is plainly and painfully evident that up-to-date seekers after knowledge too often become expert evaders of learning. Somehow or other, they don't like the bill of fare and the fixed American service. To tell them that soup is good for them and should be gargled first, makes them hungry for ice cream and cake. To command them to take soup first, completely destroys their appetites.

So it is that the foremost problem before educators today is to discover something that will make college students want—positively want to learn.

It is not the business of teachers to teach. Their first job is to make students want to learn. Their second is to guide students along the road to learning, pull them out of the mud holes, allow them to take the long level stretches in fourth speed, caution them about dangerous curves, and desert them whenever all forward motion ceases.

I am aware that this little change in tactics will abolish degrees, grades, failures, recitations, lectures, courses, curricula, freshman themes, and doctor's dissertations; but I am sure that the world will never notice their going.

I suspect that it will convert colleges and universities into work shops and study shops, and that the library will rival the stadium in popularity; and I know that the world will smile indulgently thereupon.

So far we have devoted ourselves exclusively to the standardization and formalization of the machinery and modus operandi of education. We have tried to produce brains as we produce automobiles and silk stockings and cotton gloves. And we have made a sorry out of it.

No chance is too desperate if it offers a reasonable amount of hope that students will again become searchers of truth. They have been rounded up, herded, corralled, driven around through faculty-planned curricula long enough. The only objective has been to load them on an outbound train with some kind of certificate attesting that they have jumped over such and such hurdles and staggered down such and such alleys to reach the loading platform.

In every state of these United States there should be some kind of institution allowing within its portals only those who have demonstrated and do continue to demonstrate that they really want to learn. The cafeteria and the automat seem to offer a suggestion. Selecting one's food at least entails the responsibility of trying to masticate, digest, and assimilate it.

He had been eight years upon a project for extracting sunbeams out of cucumbers, which were to be put in phials hermetically sealed, and let out to warm the air in raw inclement summers. —Jonathan Swift.

AMONG THE ALUMNI

H. G. Hockman, '22, is residing at Hart, Mich.

Philip E. Neale, '20, is located at Las Cruces, N. M.

M. E. Goff, '23, is engaged in farming on Route 8, Manhattan.

Carrie Davis, '28, is teaching in the high school at Herington.

Lois A. Burton, '19, is living at 317 Allen street, Syracuse, N. Y.

R. G. Obrecht, '28, is located in Schenectady, N. Y. His address is box 41.

S. Walter Scott, '28, is teaching in the Lincoln academy, Kings Mountain, N. C.

J. K. Pike, '21, sends in his annual dues from 4308 south Colfax, Minneapolis, Minn.

G. A. Jennings, '23, recently accepted a position with the Kansas City Power and Light company.

Ernest F. Miller, '25, and Marjorie (Melchert) Miller, '23, are living at 736 Ninth avenue, Moores, Pa.

Ruth Moore, '27, asks that her INDUSTRIALIST be sent to 600 Twentieth street, N. W., Washington, D. C.

H. Kenneth Fisher, '28, visited friends in Manhattan recently. He is teaching in the high school at Beverly.

H. A. Ames, '23, is a reporter of financial news for the Kansas City Star. His chief job is writing the grain trade news.

William S. Reeder, '28, and H. M. Weddle, '27, are attending the Massachusetts Institute of Technology in Boston.

Earl G. Johnson, '25, has accepted a position as assistant professor of agricultural engineering at the University of Missouri, Columbia.

Vera (Cates) Jelden, '20, and E. J. Jelden, '22, are located at Columbus, Neb., box 64. Mr. Jelden is practicing veterinary medicine.

J. H. Neal, '24, would like to meet any Aggies coming to St. Paul, Minn. He is at the University farm, St. Paul, and lives at 1469 Hythe street.

B. H. Luecke, '26, resigned his position in Spokane, Wash., to accept a position in the department of history, Wesleyan college, Gooding, Ida.

J. Farr Brown, '21, spent a day visiting friends on the campus last week. Mr. Brown is engaged in the wholesale lumber business in Chicago.

L. M. Clausen, '28, is connected with the University farm, Davis, Cal. At the present time he is working on a project in the southern part of the state.

George J. Raleigh, '22, is employed in the research department of Swift and company. He is making his home at 5731 Kenwood avenue, Chicago.

Mary Meyer, f. s., is teaching in Mound City, Mo. She will return to K. S. A. C. for the 1929 summer session and complete work for her degree.

F. I. Reynolds, '17, is in charge of the Pet milk condensary at Mulvane. He is also general manager of the Pet milk plants at Iola and Odessa, Mo.

Geo. A. Moffatt, '08, and family of Portland, Ore., visited relatives and friends in Manhattan recently. Mr. Moffatt is a machinist and mechanical engineer.

A. A. Anderson, '14, is engaged in a survey of all the concrete roads in the United States for the information of the Portland Cement company by which he is employed.

E. L. Westover, '11, has resigned his position as specialist with the American Guernsey Cattle club to organize a company for the sale of Guernsey milk in Portland, Ore.

E. R. Siefkin, '27, student engineer with the Westinghouse Electric and Manufacturing company, has an interesting article, "The Welcome Into Industry," in a recent issue of the Kansas State Engineer.

Katherine Welker, '28, finds teaching home economics in the South Haven high school a full time job. She writes that her classes have many banquets to serve and many community activities demand her time.

W. H. Atzenweiler, '26, is county agricultural agent of Brown county. His 4-H club boys' judging team won the statewide judging contest at the Kansas State fair at Hutchinson this fall and will represent Kansas at the coming International Live Stock exposition at Chicago, December 1 to 8.

MARRIAGES

NEWELL—WRAY

The marriage of Adelaide Newell, f. s., to Keith Wray took place in Los Angeles, Cal., November 5. Mr. and Mrs. Wray are making their home in El Centro, Cal.

THORNE—KERNS

Mr. and Mrs. S. A. Thorne of Baldwin have announced the marriage of their daughter, Grace, to Frank Kerns, '23, at their home November 10. Mr. and Mrs. Kerns are at home in Baldwin.

STEVENSON—ELKINS

Mr. and Mrs. M. E. Stevenson of Paola have announced the marriage of their daughter, Josephine, f. s., to Howard E. Elkins, f. s., at their home October 27. Mr. and Mrs. Elkins are making their home on a farm near Wakefield.

GROVER—COSTELLO

Mrs. George Grover of Iola announces the marriage of her daughter, Claribel, '27, to John Costello, jr., f. s., which took place in Kansas City October 27. Mr. and Mrs. Costello are making their home in Junction City.

DEATHS

HAZEN

Ella (Brooks) Hazen, '09, died at her home in Stillwater, Okla., in September, 1928. Besides her husband, Leslie Hazen, '06, she is survived by a sister, Fannie (Brooks) Wood, '16, Clifton, and a brother E. H. Brooks, '12, Grainfield.

BANNING

Quinta (Cates) Banning, '19, died at the home of her parents in Pawnee, Okla., November 19. She had been ill since last May. Her husband is pastor of the Delaware street Baptist church, Syracuse, N. Y. She leaves two sons, her parents, three sisters, and one brother. A sister, Vera (Cates) Jelden, '20, lives at Whitewater.

Many Eyes See Campus View

During the last year Ralph Foster, '22, former secretary of the K. S. A. C. Alumni association, and Prof. F. E. Colburn of the illustrations department, have placed in Kansas high schools pictures of the K. S. A. C. campus. These pictures were photographed by Professor Colburn from an airplane and have been appreciated by all who received them.

Mr. Foster and Professor Colburn also sent one of the views to W. M. Jardine, secretary of agriculture, to be placed in his office in Washington.

M. S. Eisenhower, '24, then assistant to Secretary Jardine, wrote President F. D. Farrell acknowledging receipt of the picture and saying in part:

"Just as Secretary Jardine was leaving for an extended trip to New York, Montana, Colorado, and Kansas, a beautiful picture of the K. S. A. C. campus arrived. Naturally the secretary is delighted to have this for his office. Of course, Mrs. Jardine may insist on taking it home. Will you please extend to the alumni association and others who sent the picture to him, the secretary's very sincere appreciation and heartfelt gratitude? I know that there is no picture he would rather have than one which reminds him of the many happy years he spent at the college."

Snyder Urged for Senator

Ralph Snyder, '90, president of Kansas Farm bureau and president of K. S. A. C. Alumni association, is being urged by several farmers' organizations and others prominent in politics as the logical man to succeed Charles Curtis as United States senator from Kansas.

OUR OWN FOLKS

The voice of the Kansas Aggies was heard by hundreds of alumni during the fourth anniversary alumni night, Monday, November 26. Station KSAC broadcast a continuous program from 6:30 until midnight giving the most successful program in the history of the station. Everyone on the program put over his part with enthusiasm, indicating in a very definite way how appreciative the "profs" and students on the hill are to accept an opportunity to entertain the alumni. Many listening Aggies responded with messages of loyalty and congratulations to K. S. A. C.

Many in the Aggie audience missed the personal messages of President F. D. Farrell who was unable to speak due to a severe cold and Prof. Albert Dickens who is ill at his home. The following program was presented:

Concert by the K. S. A. C. band, interspersed with short talks by Dean E. L. Holton, Dean Margaret Justin, Dean R. A. Seaton, Dean R. R. Dykstra, Miss Ada Rice, Miss Jessie Machir, and Prof. L. E. Conrad. Greetings from President Farrell were read.

Concert by glee club interspersed with talks by Dean Mary P. Van Zile, Prof. B. L. Remick, and Miss Grace Derby.

Greetings to alumni by Kenney Ford, alumni secretary.

Concert by college orchestra interspersed with talks by Coach A. N. McMillin, Prof. Ralph R. Price, Prof. J. V. Cortelyou, Dr. J. H. Burt, and Prof. Walter Burr.

Sketch of some long ago games by Prof. H. W. Davis.

Glee club concert interspersed with talks by Dr. Howard T. Hill, Prof. J. O. Hamilton, and Colonel James M. Petty.

Alumni feature by Dean J. T. Willard.

Faculty trio. Messages from distinguished friends of the station—George Gemmell in charge.

Talks by Dr. A. A. Holtz and Dean L. E. Call.

Four-H club program.

Talk by station engineer, Glenn Webster.

One act play—Miss Osceola Burr, in charge.

Cosmopolitan club program.

Literary societies' entertainment.

Responses this year in telegrams and letters sent by those listening exceeded any previous year, according to L. L. Longsdorf, program director of station KSAC. They came from all sections of the United States and some were received from Canada and Mexico. Here are some of the congratulatory messages received from alumni:

From R. S. Copple, '21, and Comfort (Neale) Copple, '18, Flagstaff, Ariz.: "Greetings from the city of sun and snow to the Kansas Aggies."

Bosh Billings, '13, Dallas, Tex.: "Listening for Professor Dickens. Beat Nebraska Thursday."

Thurka (Pitman) Goodrich, '16, Baton Rouge, La.: "Program coming in fine, greetings, and congratulations."

Lucia Biltz, '24, and Bertha Biltz, '20, Rochester, Minn.: "Enjoying alumni program, reception excellent."

L. H. Whan, f. s., Chicago: "Program coming in fine. Give my regards to all of Kansas."

G. V. Mueller, '24, and Seibert Fairman, '19, Lafayette, Ind.: "Agiess in Purdue are receiving and enjoying your program."

Susan Nichols Eshelman, '89, St. Joseph, Mo.: "Greetings, program fine."

Fred Billings, '26, Bartlesville, Okla.: "Enjoying alumni program. Coming in fine."

Louisa (Maelzer) Haine, '99, Ordway, Col.: "Thanks for the splendid program, greetings to all."

Gertrude (Lyman) Hall, '97, Hot Springs, Ark.: "Thanks for program. Reception fair. Sang Alma Mater with you."

Major S. Mueller, '27, Watertown, S. D.: "Hooray for the Kansas Aggies, enjoying program."

From Matfield Green came greetings and congratulations from George Rogler, '25, Henry Rogler, '98, Maude (Sauble) Rogler, '01, Otis Garth, '23, Wayne Rogler, '26, and Helen Rogler, '26.

A. S. Nelson and Olive (Hering) Nelson, '24, Little Rock, Ark.: "Greetings to K. S. A. C. Program coming fine, real 'Ag' pep."

A. H. Leidigh, '02, Mary (Edwards) Leidigh, '05, K. M. Renner, '27, Faith (Furman) Renner, f. s., H. J. Bower, '10, and Viola (Hepler) Bower, '10, Lubbock, Tex., said they were enjoying Dean Willard's talk.

John Stingley, '94, St. Joseph, Mo.: "Enjoying program, would like to hear more about Professor Dickens."

Josephine Brooks, '26, Nacogdoches, Tex.: "Program fine, let's have Alma Mater."

W. D. French, '28, Silver City, N. M.: "Enjoying anniversary program."

Edna Wilkin, '20, Nacogdoches, Tex.: "Agiess at Nacogdoches are waiting for the college bell."

Elizabeth (Winter) Fly, '21, Hereford, Tex.: "Program put across in typical K. S. A. C. fashion. Have caught a spirit of enthusiasm that won't wear off for many weeks to come."

Similar greetings were received from W. B. Banning, '04, Lyndon; Maud (Lahr) Trego, '22, and W. W. Trego, Kansas City; A. W. Boyer, '18, and Eva Boyer, '15, Wichita; W. E. Smith, '93, Wamego; Corinne (Sweet) Bashor, '17, Florence; Marion Kirkpatrick, '28, Blue Rapids; J. W. Honeywell, '25, and Mrs. Honeywell, Glasco; J. M. Kessler, '99, Mrs. Kessler and Sylvia Kessler, f. s., Topeka; Ronald V. Hutton, f. s., Topeka; R. N. St. John, '20, Estrella St. John; G. M. Pickrell, and Martha Pickrell Wichita.

TWENTY-TWOS DISCOVER \$400 THEY'D FORGOTTEN

Now They Plan to Vote by Mail on Original Idea of Contributing College Memorial

Did you ever discover \$400 that you didn't know you had? No, but the class of 1922 did. Anyway it amounts to about that. Here's the story:

At graduation time the class of 1922 had on hand a balance of about \$400. A committee was delegated to use the fund for purchasing a suitable class memorial to be left with K. S. A. C. For some reason this class memorial was never purchased and the money since has been in one of the Manhattan banks apparently unknown to members of the class until recently when Dean J. T. Willard and H. Leigh Baker, '22, principal of the Manhattan high school were informed by the bank officials that such a fund existed.

Members of the class of '22, living near Manhattan have agreed with Earl Means, Everest, the last president of the class, that this money should be used as originally intended for some class memorial at K. S. A. C.

A vote by mail is being taken to get the wishes of the members as to what memorial should be left with K. S. A. C. Members of the class of '22 are voting on the following memorial possibilities:

1. Original paintings or statuary for the art gallery of the new library.
2. A special book collection in the "browsing room" of the new library.
3. Leaving the money as a unit within the alumni loan fund.
4. Contributing the money to the stadium fund.
5. Other suggestions are requested.

The balloting is being handled by the alumni office and in addition to securing the class members' preference as to the memorial, blank space is included on the ballot for the name, address, and other things of interest about each member. From this information a future edition of THE INDUSTRIALIST will feature news about the class of '22.

Don Irwin a Politician

Don L. Irwin, former student in agriculture in '10, '11, and '12, in a letter to Dr. W. E. Grimes, reveals the high esteem in which he is held by the citizens in the state legislative district around Basin, Wyo.

Mr. Irwin just has completed his campaign for representative in the state legislature. In the primary election he was high man in number of votes received. In the November election he again received the highest vote, being almost 100 ahead of his nearest colleague on the Republican ticket.

Mrs. Irwin, formerly Amy Gould, '15, and Mr. Irwin have two girls, 11 and 8. They ride on a bus to the school at Basin each day—eleven miles each way.

Andrews Are Plenty Busy

Florence (Carpenter) Andrews, '09, explains her absence from Aggie football games by the information that she and Mr. Andrews are running a 500 acre wheat farm, fattening 120 calves and 100 pigs for the spring market, and preparing a car of mules and one of horses for the January market. Mr. and Mrs. Andrews live at Jetmore.

More News from Frances

Frances Schepp, '28, is assistant to the head architect of R. L. Faulkenberg and company, Kansas City. Miss Schepp was the first girl to graduate from the department of architecture at K. S. A. C. and has attained much publicity through her work.

RECENT HAPPENINGS ON THE HILL

Will Rogers, famous humorist, who was scheduled to appear at the college auditorium last week, postponed that and all other engagements, due to the fact that he is now "subbing" in New York for Fred Stone, injured comedian. Rogers will appear in Manhattan later in the season.

Intramural basketball for men got under way before Thanksgiving vacations, and will continue until the end of the first semester.

The Beaux Arts ball, annual frolic of the students in the department of architecture, will be held in recreation center December 15. Greenwich village settings will be used.

Apha Theta Chi, Chi Omega, and Kappa Delta were leading their respective divisions in the women's intramural volley ball tournament, at the start of this week. Part of the third round had been played.

Delta Sigma Phi won the college soccer championship for the third consecutive season by defeating Phi-Kappa Tau in the finals of the recent tournament. The Delta Sigma Phi team has won every tournament since the sport was introduced at the college.

The college band, the freshman squad, and the men's and women's pep organizations made the trip to Lincoln for the Nebraska game. Though the band was forced to stop playing because of the snow, it went through its formations on the field between halves.

KANSAS JUDGES SECOND IN INTERNATIONAL MEET

Otto Funk and Francis ImMasche Place High Individually

The Kansas State Agricultural college livestock judging team placed second in the intercollegiate judging contest held during the International Livestock show in Chicago, a telegram received here Monday stated. The 10 high teams among 23 competing ranked as follows: Oklahoma, Kansas, Ohio, Purdue, Wyoming, Colorado, Nebraska, Texas Tech, Missouri, and Ontario, Can.

Otto Funk of the Kansas team was second high individual and Francis ImMasche also of the Kansas team was eighth. As a team the Kansas entry placed second on horses, third on hogs, third on cattle, and fourth on sheep, according to the telegram.

FRESHMAN ENGINEERS GO ON SHOP INSPECTION TRIP

Visit Sante Fe Works in Topeka and Abernathy's in Leavenworth

Sixty-five freshmen taking the course in shop work at the college went on an inspection trip to Topeka and Leavenworth before Thanksgiving. At Topeka they visited the Sante Fe shops where special interest was taken in forging. At Leavenworth, the Abernathy Furniture company plant was inspected.

The trip is a valuable part of the students' training in establishing the relationship of the classroom work to practical operations of the industries, according to Prof. W. W. Carlson, head of the shop practice department.

RUSSIAN CHOIR PLEASES MANHATTAN AUDIENCE

Music Lovers Pronounce Singing Perfect in Harmony and Balance

A Russian symphonic choir under the direction of Basile Kibalchich presented, November 24, in the college auditorium, one of the best recitals Manhattan has heard for a long time. Voices of members of the choir were pronounced perfect in harmony, balance, and blending.

More Eats for Collegians

The college dairy department recently installed a modern 40-quart Cherry brine ice cream freezer. The new machine replaces an out of date 50-quart freezer. The new machine will freeze ice cream in 10 minutes.

Pruning increases apple profits.

DR. ROGER C. SMITH SENDS HIS IMPRESSIONS OF HAITI

FINDS THAT STRONG RIGHT ARM OF UNCLE SAM IS IMPROVING
THE LOT OF LOWER CLASSES IN SMALL
WEST INDIAN ISLAND

At the request of THE INDUSTRIALIST Dr. Roger C. Smith wrote the following account, giving his impressions of and reactions to life and living conditions in Port-au-Prince, Haiti, where he is in the employ of the department of agriculture of the republic. Doctor Smith is on leave from the Kansas State Agricultural college department of entomology.

You ask me to write of the people of Haiti. That is a difficult task, for, while Haiti is only the size of Maryland and has about two and a half millions of people, the population is very diverse.

Transportation in Haiti for the Haitians has been largely confined to "bourriques" which are small donkeys and consequently the people have seen very little of their country. The camion has come with improvements in roads and building of bridges. These busses now visit all the larger towns and follow more or less definite schedules. They are always well filled with both passengers and freight. But the other day while telling a class about coral reefs along the north shore of Haiti about 200 miles from here, I asked the class of 38 how many had been there. Not one had ever been so far away from home.

HAITIANS ARE MIXED PEOPLE

The people are a mixture of negro, French, English, Spanish, and Indian primarily, with a little Chinese, Italian, and whatever happened along thrown in. They are negroes according to the customary classification of peoples and, in general, they exhibit most of the well known characteristics of that race. The color varies from apparently white to black.

The population may be divided into three groups. Some 80 per cent of the population, more or less, are blacks, descendants from slaves brought in by the French to work the sugar plantations. The lot of these is absolutely tragic to me. The large majority of these are illiterate. They have had almost no chance to learn to read and write. Many could not learn if they had the chance, as they do not have the mental equipment with which to learn.

These are the folks living in the small towns, in the villages and over the mountains. They are the peasant farmers, the servant class, and the laborers. In the past they have been virtually enslaved by the mulattoes and some blacks. Many have malaria, hook worm, yaws, filariasis, or other debilitating diseases. Most do not have enough to eat nor clean clothes to wear. They are peaceful but lack ambition. Under proper direction they do very well and for 30 cents a day do fully as much labor as you could accomplish for that amount in the States.

A SMALL MIDDLE CLASS

Some 10 or 15 per cent of the people are mixtures and are yellow in color. Many of these mulattoes have splendid mental ability, but as a group they despise manual labor as if it were a loathsome disease. Their ambition is to be clerks, professional men, stenographers or anything which will enable them to wear white clothes and be indoors. They could do much for Haiti. This is the group from which leaders, teachers, and business men must largely come.

A small percentage comprises the "elite" or the "high yellows" as the Americans say. They are practically white in color and most have some white ancestry. Many are more or less remotely of French origin. Some are wealthy. These send their children to French universities. They are the more successful doctors, lawyers, business men, and politicians. They, as a class, do not appear to be worried about the lack of progress in Haiti nor about the almost hopeless condition of the lower class. Their hope is to make and save all the money possible so they can go "home" to France often or to spend their old days.

UNCLE SAM CHANGING THINGS

I commend "Black Democracy" to you by H. P. Davis to supply the details of the picture.

The scenes are shifting rather rapidly, however. For good old Uncle Sam came in 1915, but not on invitation, and is giving his attention to the 80 per cent and the 15 per cent classes particularly. The peasant now gets his full pay at the end of the week instead of a reduction or a slap. Schools are being established as fast as funds will permit. Last year the Service Technique had 63 schools over Haiti and 10 per cent of the pupils could read and write. The peasant is wearing better clothes. Free treatment has brought the sick to the rural clinics in droves. The country is wholly at peace. Under American supervision the system of roads is being extended and the condition of the lower class is greatly improved.

But it is doubtful whether we will receive many expressions of gratitude for it all. The articulate Haitian is against the Americans. Why? Because the presence of the marines makes it very difficult for him to get his hand into the public treasury and he must, therefore, work for a living. Because the Americans here draw good salaries and he thinks he should have that money. Because we are "spoiling" the lower class by giving the people the first real chance they have ever had. It will be harder to enslave them perhaps after the Americans leave. Finally because their pride is hurt, for one of the biggest things in Haiti is the pride or egotism of the upper classes.

CONDITIONS ARE BETTER

In the maze of problems, criticisms, accusations and reports of progress, however, one thing stands out clearly and that is the absolute unanimity of opinion that things grow better here every year. In spite of the hurt pride, the little Haitian caddies voluntarily remove their hats and stand at attention when the United States flag is lowered each evening. If we Americans should miss the first notes of the bugle, they excitedly call our attention to them and we all stand with bared

heads as the emblem of the country whose strong arm has given such kindly aid to Cuba, Santo Domingo, Porto Rico, and Haiti is lowered. But we stand with inward feelings of reverence which perhaps they do not understand for they have never so regarded their own country.

CLEANLINESS STRESSED IN POULTRY SCHOOLS

Sanitary Houses, Grounds, and Feed Make Healthy Chicks, Extension Specialist Says

A series of 35 one and two day poultry health schools are being held in as many counties during December and January, according to G. T. Klein, extension poultryman at the agricultural college. Several of the schools were scheduled to begin Monday. Four principal phases to be stressed in the schools are clean chicks, clean houses, clean grounds, and clean feed.

The unfinished schedule follows: Atchison, December 7; Barton, January 9 and 10; Brown, January 15; Cherokee, December 13 and 14; Clay, January 2; Cloud, December 18; Coffey, December 7; Crawford, December 11; Doniphan, January 16; Dickinson, December 10; Edwards, January 11 and 12; Harper, December 21; Harvey, December 19; Jefferson, January 17; Jewell, January 3; Labette, December 12; Lincoln, December 20; Linn, December 6; Lyon, December 14; Marion, December 12; Montgomery, December 10; Morris, December 13; McPherson, December 11; Nemaha, December 6; Ness, January 7 and 8; Ottawa, December 21; Saline, December 19; Sedgwick, December 18; Smith, January 4; and Sumner, December 20.

COLLEGE HORSES PICK UP RIBBONS AT ROYAL

Win 14 Firsts and Five Championship Placings With Entries in 20 Classes

Draft horses exhibited by the animal husbandry department of the college at the American Royal Livestock show in November made a record which has been unequalled at any previous American Royal show. The 16 horses shown won more first prizes than any one exhibition of draft horses has won in any one year, according to Dr. C. W. McCampbell,

head of the animal husbandry department. Nine Percherons and seven Belgians were shown.

There were 19 open classes for Percherons, the college had entries in 11 classes and won seven firsts. Incidentally, when the college horses did not win first places they always took second places in these Percheron classes. In addition to these prizes they also won the reserve senior and the reserve grand championship Percheron mare honors.

For the Belgians there were also 19 open classes. The college Belgians, none over two years old, were entered in nine classes where they won seven firsts. The other horses placed no lower than third in the classes in which they were entered. In addition the college showed the junior and grand champion Belgian stallions and the junior grand champion Belgian mare.

The most cherished prize won by the college was the Yser cup offered by the Belgian Horse Society of Belgium for the best Belgian of both sexes shown at this year's American Royal Livestock show. Colgodine Farceur, a two year old Belgian stallion owned and raised by the college, was the winner of this trophy. The dam, the sire, grand sire, and great grand sire of this stallion also were raised by the college.

OMICRON NU TO SELL UNIQUE CAMPUS MAPS

Buildings, Streets, and Houses Will Be Easily Recognized—Christmas May Swell Sales

There have been maps and maps of K. S. A. C. and that portion of Manhattan immediately surrounding it, but never one such as will be on sale next week, sponsored by Omicron Nu, honorary home economics sorority. This new production is a departure, and promises to create quite a sensation. It will be in colors and will make an attractive wall decoration, say those who have seen it.

Miss Vida Harris of the applied art department gave the major portion of her working hours last summer to the creation of this map. It represents the campus, with all buildings accurately placed, Aggieville, and the streets on which are situated the various sorority and fraternity houses. The buildings are drawn and colored so accurately as to be easily distinguished, and in a border surrounding the campus proper are catchy sentences describing what goes on in each building. The campus is complete, from the orchards on the college farm, to the stadium, where a football game is in progress. At one end of the map is a procession of figures representing the various activities which make up the school year, as the senior in his cap and gown, and the student on a horse, symbolizing Ag fair.

Because Manhattan's sorority and fraternity houses are not all within a radius of a few blocks of the campus, quite a portion of the town itself is included in the map, extending as far west as Wildcat creek. Around the entire map, which is 25 by 38 inches, is a border of wildcats, and another border, surrounding this, is of conventionalized K's.

The map is not lacking in humorous phases. Out near the veterinary building a sick cow is reclining on the grass, a cloth about her head, pathetically holding up her hoof for the attending physician to take her pulse. And there are other attractive sketches.

Copies of the map are to be on sale at the Aggieville book stores and the downtown book store the first of next week. With the approach of the Christmas season and the subsequent demand for gifts, Omicron Nu expects to make a record sale. The maps are to be sold for \$1.25 each. The price by mail is to be \$1.35. Mail orders should be addressed to Omicron Nu maps committee, K. S. A. C.

Aggie Pop This Week

A silver vase and a silver loving cup are the prizes this year for organizations winning in the annual "Aggie Pop Night" competition, December 7 and 8. The vase is the prize for competing women's organizations, and the loving cup for the men. The women will present 12 minute acts, and the men brief "in between" skits.

FOOTBALL K FOR 1928 GOES TO 20 WILDCATS

ONLY THREE HAVE FINISHED COLLEGE COMPETITION

Athletes Will Be Guests of Manhattan Chamber of Commerce at Banquet Thursday Night—Will Elect Captain

Twenty football letters, the smallest number awarded in several seasons, will be given members of the 1928 Kansas Aggie football team, according to an announcement by head coach A. N. "Bo" McMillin, following a meeting of the athletic board Tuesday. Seventeen of the 20 who were awarded letters will be eligible for competition next fall. The three who have finished their football careers are George Lyon, Manhattan, tackle; M. B. Pearson, Manhattan, center, and H. J. Barre, Tampa, fullback. Pearson and Lyon have won three football letters, while Barre just finished his first K. S. A. C. season but had two years in the Kansas conference.

WILL ATTEND BANQUET

The varsity letter men, the freshman numeral men and the cross country squad, together with members of the athletic department staff will be guests at a banquet given by the Manhattan chamber of commerce Thursday night. Following the banquet the name of the 1929 football captain will be announced as well as that of the 1928 freshman football captain. High school football players from this section of the state also will be guests at the banquet.

Cross country letters were won by Captain Henry Gile, Scandia; John Hoynes, Salina, and H. S. Miller, Kansas City, Mo. The following men were awarded football letters:

LETTER MEN

Fullbacks—H. J. Barre, Tampa; Price Swartz, Everest.
Halfbacks—Alex Nigro, Kansas City, Mo.; H. R. Weller, Olathe; W. H. Meisinger, Abilene.
Quarterbacks—Marion Evans, Gove; W. E. Platt, Manhattan.
Ends—W. H. Towler, Topeka; H. A. Dimmitt, Roswell, N. M.; W. W. Daniels, Luray; William Bokenkroger, Sabetha.
Tackles—George Lyon, Manhattan; A. H. Freeman, Hoxie; D. M. Telford, Manhattan.
Guards—C. O. Tackwell, Manhattan; K. C. Bauman, Salina; Hugh Errington, Rulison; Ed McBurney, Newton; James Yeager, Bazaar.
Center—M. B. Pearson, Manhattan.

STEWART FIRST TO WIN BANKERS' SCHOLARSHIP

Loan Fund Will Be Available at K. S. A. C. Each Year

J. A. Stewart of Abilene, a senior in agricultural administration, has been awarded the first loan scholarship made available at the Kansas State Agricultural college by the foundation for education and economics of the American Bankers' association.

The choice of institutions at which such scholarship awards are available is based upon the type of school, the educational standards of the school, the geographical distribution of the institution selected, and a willingness on the part of the institution to cooperate with the foundation. The scholarship will continue to be available at K. S. A. C.

President F. D. Farrell of the college is a member of the advisory committee on agriculture of the bankers' association. The committee on awarding the scholarship at K. S. A. C. is composed of W. D. Womer, president of the First National bank of Manhattan; T. J. Anderson, professor of economics; Dr. A. A. Holtz, men's advisor; and Dr. W. E. Grimes, head of the department of agricultural economics.

WOMEN MEATS JUDGES WIN SECOND AT ROYAL

Team Members are Genevieve Long, Arlee Murphey, and Flora Deal

The K. S. A. C. women's meats judging team placed second in the contest at the American Royal Livestock show at Kansas City. Members of the team were Genevieve Long, Arlee Murphey, and Flora Deal. Prof. D. L. Mackintosh was in charge of the team.

First Rifle Match Soon

The first match of the college rifle team is to be fired against the University of Pittsburgh and the University of Delaware, on December 15.

PROGRESS OF KANSAS PRESS

F. E. C.

Editor Lela C. White of the Clearwater News writes a persuasive editorial urging her readers to support a drive for Red Cross funds with which a county welfare worker or county school nurse is to be employed.

It was something of a novel experience for the Independent editor the other day to find a man who said he thought our advertising rate is too high. Inasmuch as the rate charged by the Independent is the same as was in effect in the old Tribune Star office 20 years ago, no change in it having been made during the war, we were not inclined to take this kick seriously. Then, too, we could not forget that the man who made the kick has a store in which probably there is not one article but what is higher in price now than it was 20 years ago.

—Esquire Independent.

"Weekly Printshop Calendar" by Mrs. E. E. Kelley: Friday, clean up; Saturday, count up; Sunday, rest up—maybe; Monday, line up; Tuesday, speed up; Wednesday, gallop; Thursday, blow up.

The press of Kansas rejoiced with Major M. M. Beck, editor of the Holton Recorder and dean of Kansas newspaper men, when he observed his ninetieth birthday, November 22. Major Beck is one of the outstanding successful editors of the Sunflower state, has edited the Holton Recorder since he founded it in 1875. It is the oldest newspaper in the state under a single ownership and editorship. The Holton editor's wish is to be able actively to edit the Recorder another 10 years. Much of his success doubtless is due to his policy

which he epitomizes thus: "A wise editor will strive to make his paper clean, truthful, and fair to friend and foe."

When editors get together the question of whether the newspaper should print an abundance of agricultural information is among those most discussed. Certainly the function of the average Kansas newspaper is to print the local news and to interpret that news for its readers through an editorial column. The paper may go too far in printing news or filler that smacks too much of agriculture, but most Kansas papers strike a happy middle course, the finest feature of which is that the editors consider local agricultural news on a par with all other news of the community. That Kansas editors place farm news on an equal footing with other community news, the following half dozen references, picked at random, attest:

A top head on the front page of the Mulvane News to the effect that southern Kansas farmers are paying more attention to dairy farming; the monthly report of the Finney County Cow Testing association and an analysis of local turkey marketing on the front page of the Garden City Herald; a half column story on Harper county wheat conditions on page one of the Anthony Republican-Bulletin; tips for killing chinch bugs, and livestock market review, page one of the St. George News; a Farm and Home week schedule, a cattle man's show winnings, and a poultry story on page one of the Leonardville Monitor; and a top head in the right hand column, page one, of the Larned Tiller and Toiler about the annual county farm bureau meeting.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, December 12, 1928

Number 12

JOURNALISM ALUMNI CLING TO PROFESSION

70 PER CENT OF MEN FOLLOW
CHOSEN WORK

Study of Aggie Graduates Shows They
Have Lucrative Positions, and Work
Steadily Upward—Are Satisfied

One hundred and seventy graduates of the Kansas State Agricultural college who took the degree of bachelor of science in industrial journalism are employed on widely scattered publications throughout the United States—from big New York City dailies to small weekly papers in towns of 500 or less. The occupational distribution of these 170 graduates, their earnings, and the effectiveness of the college industrial journalism curriculum formed the basis of a study just completed by the department.

A summary of the study shows that 58 per cent of the gainfully employed graduates are following some phase of journalistic or semi-journalistic work. This figure, however, includes both men and women and many of the latter follow their college training with a few years of school teaching prior to marriage and hence lower the percentage of those graduates engaged in the profession for which they trained.

FAVOR EDITORIAL WORK

If only men graduates are considered, exactly 70 per cent of those who replied to a questionnaire are employed in journalistic or semi-journalistic work. This group of 70 per cent may be further subdivided in the following proportions to all men graduates: editorial work, 28 per cent; publicity, 12 per cent; advertising, 18 per cent.

The study shows that earnings of graduates compare favorably with earnings of college graduates in other professions. It shows further that the curriculum is fairly well balanced. Each student after being out of school several years feels a lack of training which would have equipped him better for the particular job he holds at present. Suggestions for improving the curriculum, therefore, were nearly as varied as the work of the individual graduates.

The 170 journalism alumni were graduated between 1910, when a four year course was established, and 1928. Members of the graduating class of 1928 were not considered in the survey which was begun before the 1928 commencement. Excluding the 23 graduates of 1928 and three graduates who are deceased, the industrial journalism alumni to whom the questionnaires were sent number 144. This group is divided evenly between men and women, there being 72 of each.

HOUSEWIVES GROUP LARGE

An analysis of the returns shows that 105 graduates who replied are employed in the following occupations in the numbers indicated: newspaper editorial work, 5; syndicate editorial work, 2; magazine editorial work, 9; reporters, 7; advertising, 12; publicity, 8; printing, 1; publishing, 2; teaching journalism or advertising in schools of higher learning, 5; housewives, 15; students in further study, 2; and various non-journalistic occupations, 36.

Divided into three major groups, 28 were in journalistic work, 23 in semi-journalistic work and 36 in non-journalistic work. Yearly earnings of the graduates varied from \$720 to \$30,000. However, the smaller figure was the beginning salary of a graduate several years before the World war, while the larger figure was earned by a graduate within the last two years. Comparison of the beginning wages of men graduates is enlightening and encouraging, since the averages shown by the study are representative of the earnings of more than 73 per cent of the total graduates.

A study conducted for the Society of Promotion of Engineering Education under grant by the Carnegie corporation shows that beginners in that field average \$1,200 on a yearly basis. The average beginning salary for K. S. A. C. industrial journalism men graduates is well over \$1,500. Earnings of the journalism graduates also compare favorably with results reported by a special committee of the American Association of Teachers of Journalism. The committee reported, after a survey of "run-of-mine" newspaper workers, that \$1,300 is a usual average for an inexperienced reporter 25 years of age. It was further discovered that the average desk man or reporter earns about \$2,500 at 35 and perhaps \$3,000 at 45. These estimates are for "run-of-mine" reporters and newspaper workers including graduates of journalism schools as well as others.

EARNINGS INCREASE REGULARLY

Five years after graduation, or when they were principally between the ages of 25 and 30, the average yearly earnings of K. S. A. C. men journalism graduates were \$3,481. Ten years after graduation the men graduates averaged \$4,400 in yearly earnings.

Earnings of women graduates are materially lower, the survey shows, principally because in many cases women follow their four years of college with a brief period of school teaching and then marry. Beginning salaries of women graduates averaged \$1,355. Five years later the average earnings were \$2,159 on a yearly basis.

KSAC GIVEN INCREASED DAYTIME SENDING POWER

May Use 1,000 Watts, Commerce Department Rules, But 500 Watts Is Nighttime Limit

Authorization of additional power for daytime broadcasting has been received by radio station KSAC from the department of commerce. According to L. L. Longsdorf, program director, a letter from Washington, D. C., gives station KSAC daytime broadcasting power of 1,000 watts with 500 watts still the maximum for nighttime broadcasting.

Since November 11 KSAC has been radiocasting its usual educational program on the new frequency of 580 kilocycles or a wave length of 516.9 meters.

Since the new allocation became effective, letters have been received by station KSAC from all states in the union, excepting Delaware and Alabama, from Nova Scotia and other states of Canada, and from ships in both the Pacific and Atlantic oceans.

CIVIL ENGINEERS HAVE NEW BLUE PRINTING EQUIPMENT

Pease Peerless Machine Is Last Word In Process

The last word in commercial blue printing recently was added to the equipment of the civil engineering department of the college. The new piece of machinery is a Pease Peerless blue printing machine. The new machine is automatic from the time the tracing is placed into the roll until the print comes out ready for use.

The maximum width of the print which may be handled is 42 inches, but the length is unlimited. The device prints faster and a finer print results from delicate adjustments.

BARNETT HEADS KANSAS HORTICULTURAL SOCIETY

Prof. Albert Dickens Also Is an Official of Group

Prof. R. J. Barnett of the department of horticulture of the college was last week elected president of the Kansas State Horticultural society during the society's annual meeting in Topeka. Prof. Albert Dickens, head of the department of horticulture, is a trustee of the horticultural group.

MECHANICAL SHUCKER CUTS HUSKING COSTS

F. C. FENTON ANALYSES CORN
GATHERING EXPENSES

Hand Harvesting Method Runs Into
Money, Data Show, While Picker
Generally Is Cheaper and
Saves Hard Work

Under ordinary conditions farmers of the corn belt can profitably own a mechanical corn picker if they plant and harvest 100 acres or more yielding 50 bushels of corn per acre, according to Prof. F. C. Fenton, head of the college department of agricultural engineering, who analyses the mechanical corn picker situation in the current issue of the Kansas Agricultural Student.

The mechanical picker reduces the number of men required to harvest and reduces the cost of harvesting in some instances to about half, Professor Fenton writes. It also relieves the farmer of one of the most disagreeable and monotonous farm tasks. Further analyzing the cost of picking corn by machine and by hand the agricultural engineering head explained:

YIELD AND ACREAGE IMPORTANT

"There is, of course, a wide variation in costs depending upon yield per acre, wages paid, and a number of local conditions. In the case of the machine picker, the largest item of influence is the number of acres husked per year. It has been ascertained that machine depreciation is about the same regardless of the number of days the machine is used.

"One hundred dollars per year is a liberal allowance for depreciation, interest, and repairs on a corn picker. Assuming the area husked to be 100 acres, the machinery cost would be \$1 per acre, which on a yield of 50 bushels per acre would be 2 cents per bushel. Add to this the cost of the tractor at \$8 per day, two men at \$4 each, and a team at \$2 per day, or a total operating cost of \$18 per day.

WHERE EFFICIENCY COUNTS

"This outfit will harvest nine acres of 50 bushel corn or a total of 450 bushels per day at a cost of 4 cents per bushel. Add the 2 cents per bushel for the picker and we have a total of 6 cents per bushel. This cost may be reduced by higher yielding corn or by using the machine on more acres per year. The tractor and labor costs are also higher than would be figured if the men were regularly employed and the tractor used throughout the year for general farm work. In many cases the cost is as low as 4 cents per bushel.

"Compare these figures with the 6 to 8 cents per bushel now being paid transient labor for hand picking, to which must be added the cost of team and the man's board and lodging. The total cost for hand picking thus ranges from 8 to 12 cents per bushel or higher for unusual conditions.

"Many farmers whose acreage is large enough to warrant the use of a mechanical picker are saving from 4 to 6 cents per bushel on their corn. On a hundred acres of corn yielding 50 bushels per acre, the savings would be \$200 to \$300, besides more rapid work and freedom from the troubles of extra help. It is little wonder that some farmers declare that the corn picker paid for itself the first year.

MUST IMPROVE PICKER

"The quality of work done by the two methods will vary greatly. Unbiased observers report that there is little difference where conditions are similar. Some corn will be left in the field no matter what method is used. The personal element enters in here, and while it is possible to husk corn cleaner by hand than can be done by the mechanical picker, the average hired man doesn't actually do so.

"The mechanical corn picker has been improved rather slowly. The use of the power take-off was one of

the most important steps to improve its operation. Undoubtedly there is room for improvement in this important piece of labor saving machinery before it will be used generally by corn belt farmers."

MANY GROUPS MEET ANNUALLY AT COLLEGE

During Biennium, 25,000 Came to Campus and Experiment Stations for Extensive Study

More than 25,000 persons who sought intensive instruction for short periods visited the Kansas State Agricultural college campus and the agricultural experiment stations of the state during the last two years, according to the forthcoming biennial report of Dr. F. D. Farrell, president of the college. The visitors represented 57 groups of citizens having highly specialized interests who came to the college for instruction in the subjects in which they were respectively interested.

Each group remained at the college for periods ranging in length from one day to a week or longer. Many of these groups, the report shows, return year after year and thus manifest their interest in the work of the college and experiment station.

"The general public probably does not appreciate fully either the extent or the value of the short period resident instruction that the college provides," the President's report states. "Appreciation of this service is growing, however, and increasing numbers of persons and organizations are utilizing the service."

Of the 57 groups 33 came to the campus both years of the last biennium.

McBURNIEY, BARRE ELIGIBLE FOR 1929 FOOTBALL SEASON

Big Six Allows Both Another Year of Play

Kansas Aggie football prospects for 1929 were enhanced at the recent Big Six conference meeting when it was ruled that E. C. McBurniey, Newton, two letter man at guard, and Henry J. Barre, Tampa, letter man at fullback, both will be eligible for another year of Big Six competition. McBurniey had a year of competition before coming to K. S. A. C., and Barre two years. McBurniey's year and one of Barre's were played before the Missouri Valley conference ruling establishing a year of minor college competition as the equivalent of a year of conference competition went into effect.

Barre also is a basketball and baseball player, and was captain-elect of the McPherson, Kan., college basketball team before coming to K. S. A. C. to take engineering.

AGGIES WIN FOUR PLACES IN MEDAL ESSAY CONTEST

Harold Garver Given Seventh by Saddle and Siroin Club

Students of the college won four places of the first 20 in the annual national Saddle and Siroin Medal Essay contest, the results of which were announced during the International Livestock exposition in Chicago. Writing upon the question of "The Place of the Purebred in Commercial Livestock Production," Harold Garver of Manhattan placed seventh, Ray Bonar, Washington, placed fifteenth, S. R. Stewart, Vermillion, placed seventeenth, and I. K. Tompkins, Byers, placed nineteenth.

Play Tickets On Sale

A committee in charge of ticket sales for the New York Theater guild presentation of "The Doctor's Dilemma" has announced that seats are on sale. The play will be produced in the college auditorium, January 7. Reserved seats will be sent January 1 to those who order by mail. Tickets range from \$1.50 to \$3 and orders should be mailed to the New York Theater guild management at the college.

FREEMAN IS CAPTAIN OF AGGIE GRID TEAM

ELECTION ANNOUNCED AT ANNUAL
FOOTBALL BANQUET

Community Hall Dining Room Crowded by Coaches, Varsity, Freshmen, and High School Men—Crowd Totals 375

It was a great success; the 1928 Kansas Aggie football banquet held at the Manhattan Community house Thursday night, December 6. A total of 375 varsity men, freshmen, coaches, high school players, and Manhattan townspeople packed the banquet room.

During the course of events it was announced that A. H. "Hoxie" Freeman of Hoxie, two letter man at tackle, had been elected football captain for 1929. Freeman is 6 feet 4 1/2 inches tall, weighs nearly 200 pounds, and was a power in the line last season. He is a junior in the course in physical education.

WIGGINS HEADS FROSH

Also announced was the election of George Wiggins of Lyons, husky fullback, to the honorary captaincy of the 1928 freshman team, and the election of H. S. Miller of Kansas City, Mo., to the captaincy of the 1929 cross country team, succeeding Henry Gile of Scandia.

Applause came again from the banqueters when Head Coach A. N. "Bo" McMillin said that M. B. "Bert" Pearson of Manhattan, three letter man at center and acting captain in all but one game this season, had been appointed permanent captain of the 1928 team.

Though it followed a losing season, each speaker voted the banquet the best of its kind he had attended, and at its conclusion there was none to disagree.

M. F. "Mike" Ahearn was toastmaster, and the Rev. W. U. Guerant, student pastor of the First Presbyterian church, gave the invocation, which was followed by "America" sung by the group. Chester Guthrie led the singing of various localized versions of popular songs.

"You're Welcome" was the subject of W. D. Womer of Manhattan, president of the local chamber of commerce, host at the banquet. There followed several numbers by a quartet from the Phi Beta Sigma fraternity. The quartet bowed its way out after several encores, but was clapped back again.

COACH LITTLE SPEAKS

Clarence Little, coach of Manhattan high school, talked briefly of his team, which has enjoyed a successful season, and introduced Charles Finney, new captain. Evelyn Torrence of Independence gave several vocal numbers.

Men who have finished their college football competition were introduced by Coach McMillin. They included: George Lyon, Manhattan, tackle; M. B. Pearson, Manhattan, center; John Smerchek, Cleburne, halfback; Joe Anderson, Salina, quarterback; Joe Limes, La Harpe, quarterback; Kenneth Boyd, Irving, halfback.

Visiting high school football men from over the state were introduced by Mr. Ahearn.

"The spirit of the Kansas Aggies has been the best this year, of any year since I have been at the college," said President F. D. Farrell, who spoke briefly in response to a request from the toastmaster.

"Mike" then introduced Coach McMillin. He first praised former Coach C. W. Bachman for his work at the college, and then said, "but we have found a man who is filling Bachman's shoes and crowding them for a fit, 'Bo' McMillin."

McMILLIN APPRECIATIVE

Coach McMillin expressed his appreciation of the work and spirit of the coaches, the freshmen, the varsity reserves, the varsity team, and the townspeople. Especially did he commend the spirit of the varsity

(Concluded on page 4)

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
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F. E. CHARLES, LILLIAN HUGHES NEIS-
WANGER, R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.



WEDNESDAY, DECEMBER 12, 1928

TO GIVE IS MORE BLESSED—

If one from foreign parts should confront us with the accusation that we are about to indulge in pre-Christmas intoxication, we should at least remind him that we are from Kansas. Since it isn't in our mores to imbibe the Christmas spirit in what we might call the old world sense, we have our little "toot" under the guise of Christmas presents, a toot sublimated and rationalized in good American fashion.

There's color, for instance. With emphasis on the color in neckties women buy for men. The dashing blues, the regal purples, the flamboyant reds. "A woman bought this tie" has long been a standing joke. But consider, ye scornors, that even should the masculine recipient fail absolutely to dress up even once in the gaudy thing, what a perfectly gorgeous emotional bat the lady had in picking it out. All the red hats her soul craved and better judgment denied, all of the purple velvet and white ermine a democratic code and modern fashion have discarded, are compensated for in one tiny tie replequent with infinite color to the square inch.

Ditto for the man who buys something "bright" for the house without a detailed hint beforehand. The woman who smiles with superior indulgence really should recall the long era, literally centuries, during which man has had the universal, and always at least half primitive, craving for color and decoration denied him. A revolt of the men is due anytime.

In fact it seems to be underway, if one may judge by the dashing livid dabs of color a few of the temporarily released are sending for greeting cards!

Why are Christmas presents likely to be "useless" odds and ends, trinkets and tinsels that "please the fancy," but are so impractical and unnecessary for everyday routine? Repressions popping open the lids plunked down on them on every window shopping expedition of the year. To be sure, we give them to someone else, but how gloriously intoxicating to spend a dime recklessly!

REFORMING THE REFORMERS

What ails reformers—the professional kind—is their consciousness of their own guilt.

They think they are waging battle against evil in others when in reality they are endeavoring to correct their own faults, actual or imagined. They become embittered because the subjects of their reform decline to take any interest in being improved. They are misunderstood creatures crying in the wilderness. They have no sense of humor.

Risking the chance gaining a reputation ourselves for being a reformer, a declaration for reformers is here suggested. The reformer is supposed to repeat the declaration before and after every attempted reform.

Don't read (or listen to) my tirade if it offends you.

By now you ought to know my fads which I am foolish enough to call principles.

Don't you wonder how my wife (husband) ever happened to marry me?

I am unhappy because I myself

have a bad conscience. I want others to admit having bad consciences and become unhappy.

I am secretly glad the world can never be reformed for I enjoy my role and nothing else would give me any satisfaction in living.

This failing to effect a cure, let the reformer try long walks in the open alone. If he comes back unimproved there remains nothing but to drown him.

DRAMA

GEORGE BERNARD SHAW

George Bernard Shaw, author of "The Doctor's Dilemma" which the New York Theater guild will present in the college auditorium, Monday evening, January 7, is the most highly praised and the most maligned man in Christendom.

He has laughed at more people, and he has been laughed at by more people than any man living, and were he to read this criticism, he would probably object to the word "living." For 40 years, Shaw has been throwing brickbats at society, and society has been heaving them back at him whenever it has been able, and the battle shows no sign of abating. At the age of 71 he has the distinguished honor of insulting more people over a longer period than any man known to history. And yet the public likes him for it.

The interesting thing about Shaw is that he is perfectly honest. He is always anxious to tell the truth, and to him, the funniest thing in the world is truth. He is even willing to take people behind the literary scenes, and let them see for themselves that he is perfectly honest. He says: "When I first began to promulgate my opinions, I found that they appeared extravagant, and even insane. In order to get a hearing, it was necessary for me to obtain the footing of a privileged lunatic with the license of a jester. Fortunately the matter was easy. I had only to say with perfect simplicity what I seriously meant just as it struck me. Then everybody would laugh. My method had been therefore to take the utmost trouble to find the right thing to say, and then to say it with the utmost levity. And all the time the real joke is that I am in earnest."

He is willing to go even farther and take the gullible public absolutely into his confidence. "For a number of years past," he mischievously maintains, "with unprecedented pertinacity and obstination, I have been dining into the public head that I am an extraordinarily witty, brilliant, and clever man. That is now part of the public opinion of England, and no power in heaven or on earth will ever change it. I may dotter and dote. I may pot-boil and platitudinize. I may become the butt and the chopping block of all the bright and original spirits of the rising generation. But my reputation will not suffer. It is built up fast and solid like Shakespeare's upon the impregnable basis of dogmatic reiteration." And nobody knows better than Shaw, because he is the man who invented the trick.

On the other hand G. B. S. is laboring under no grandeur delusion. There is probably not a clearer and a cooler head in the northern hemisphere. Concerning the character of himself that he has sold to the public, he admits that the whole picture is "unique, fantastic, unrepresentative, imitable, impossible, undesirable on any large scale, utterly unlike anybody that ever existed, hopelessly unnatural, and void of any real passion." And he is right about it. Shaw tells the people the truth, the whole truth and nothing but the truth, and they won't believe it. Worse than that, they think he is clowning.

The New York Theater guild's production of "The Doctor's Dilemma" will be one of the treats that you will remember always.

—C. W. M.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

The college was closed because of the influenza epidemic.

Miss Elizabeth Agnew, '00, was dietitian in the base hospital at Camp Travis, Tex.

A. W. Bellomy, '14, for two years assistant instructor in genetics in the zoology department, became as-

sociate professor of zoology at the University of Chicago.

Kansas tied with Nebraska for state championship on exhibits at the International Soil Products exposition. The exhibits were prepared by Bruce Wilson of the agronomy department.

TWENTY YEARS AGO

Nicholas Schmitz, '04, was elected agronomist of the Maryland agricultural experiment station.

Professor Walters took his stu-

brated the twenty-fifth anniversary of their marriage.

Professor Cragin received from Louis B. Parker, '87, a collection of 62 different species of birds, most of which were collected in Kansas.

C. L. Marlatt, '84, received a commission as assistant in the entomological division of the department of agriculture at Washington, D. C.

FIFTY YEARS AGO

Governor George A. Crawford delivered a lecture before the Manhat-

The Place of Science

Herman Randall, Jr., in the New Student

Scientific concepts and methods have been the radical intellectual force of the last three centuries. They have transformed religion, art, moral, and social ideals almost beyond recognition. There is a good reason to believe that the full force of science is just beginning to be felt in human institutions and activities. We have only begun to control the material forces of our environment; we are just on the verge of an adequate science of human life and its characteristic pursuits. . . . Yet today the best college students, unless they are willing to give themselves pretty exclusively to a professional training in some one science, can graduate with distinction without ever having come closer to science than vague allusions and meaningless generalities. They are, on the average, much more ignorant of science than were their fathers. If they have taken a single course or so in an elementary laboratory subject, they usually acquire a dislike for a rigorous drill that seems to have little bearing on human interests. They come to the study of contemporary philosophies of life and nature, which are nothing if not interpretations of scientific concepts and data, with only the vaguest ideas of what it is all about. All too late they realize that they "really ought to know something about science. . . ."

The responsibility, it is clear, must be laid squarely at the doors of the teachers of science themselves. A generation ago there were such teachers who conceived science to be a genuine instrument in human life, a liberating force, and a method of understanding. They are rare today. All too often science is taught by the cook book method. Follow the manual, get the desired results. Where it is not thus travestied, it is a rigorous and exacting grind, that means years of laboratory work before there comes the rewarding glimpse of the meaning of it all. How often do students in elementary courses in physics or zoology, for example, perceive why these "laws" they learn by heart or these interminable classifications have changed the whole face of the world? How often do students who fulfill all the requirements in mathematics realize the significance of mathematics as the most powerful instrument man has discovered for the interpretation of nature? Their very teachers all too often do not see that the ideas to which they have devoted their lives are not to be confined in a single restricted realm, but leave literally nothing untouched.

There is no reason why every college student should become an expert, even in a single science. Perhaps most of them are incapable of mastering a single branch. But there is no reason why every student should not learn something at least of the spirit of scientific thinking, of its significance in our civilization, of the meaning and implications of some of the basic concepts and methods that have been worked out. In the complete sense, no man knows it today. A liberal education need not make scientists of students, but it should at the very least create in them a sympathetic understanding of the scientific enterprise itself.

dents in architecture to Topeka to study the state house and the Baptist church.

John Gingery was elected captain of the football team, Prof. J. V. Cortelyou, general manager; H. H. King, treasurer; Ostlund, football manager; Randels, track manager; and "Mike" Ahearn, coach.

THIRTY YEARS AGO

H. G. Johnson, '96, was studying dentistry in Chicago.

The paper read by G. E. Williams, a student, before the College Farmers' club was published in the Chicago Produce, then the leading creamery journal of the United States.

The following from the New York Farmer was printed in THE INDUSTRIALIST. "The standing of the Kansas State Agricultural college is a high one and it should and doubtless does receive a liberal patronage."

FORTY YEARS AGO

President and Mrs. Fairchild cele-

brated the twenty-fifth anniversary of their marriage.

Members of the senior class were entertained at the home of Professor and Mrs. Shelton.

I knew once a very covetous, sort of fellow, who used to say, "Take care of the pence, for the pounds will take care of themselves."

—Earl of Chesterfield.

BONDAGE

Peggy Pond Church, in Scribners

I am held back from flight by such small things:
A flannel shirt unfolded on a chair
Needs a patch badly. Who am I to care
Who have been born for flight and sky-
spread wings?
And yet I'll stay and mend it; run
new strings
Into the baby's bib; and shine the pair
Of copper candlesticks, and while I'm
there
Rub up the kettle till it almost sings.
As long as there are plates to wash
and dry,
Or towels to hem, or bowls for mix-
ing cake
Or cookies, or a petticoat to make,
I'll have to stay. I cannot run away.
And so I'll sing and mend a toy and
sigh
And make-believe I'll go another day!

SUNFLOWERS

H. W. D.

NEVER TOO LATE

Il Duce, the most spectacular leader of the age, is finally on a path that will lead him to glory or something. According to a recent news blurb, he has become intrigued with plastic surgery and is threatening to lift all the ugly mugs in Italy by dictator's decree.

A certain Doctor Berne, so the story runs, who has a shingle out in our own little old New York, has been over to Italy to see things. Incidentally he has lifted the faces of three or four of the female relatives of the great Fascist leader. And Mussolini, charmed almost to tears by the miraculous improvement, has intimated that the government may nationalize all female plug-uglies and immediately beautify them.

We approve the move. We even applaud it to the echo or thereabout. Governments exist for the happiness of the citizenry, and anything that can be done to promote happiness is a legitimate venture for the party in power. Never to look upon the face of an unbeautiful woman—can you think of an ecstasy supreme than that? If Il Duce can put this one across, we promise to turn Fascist at sunrise on the next morning and stay that way until the last specialist decides it is too late to operate.

We even wish this esthetic itch had first broken out in our own beloved America. Our politicians blunderingly overlooked it in working up the late lamented party platforms, which so concerned us only a month ago. "Federal aid for funny faces" would have elected Al Smith in a canter. The campaign would have been three times as vicious as it was. Every single one of us could have horned in with dirty digs at the neighborhood women and blood would have flowed at every meeting, mass or occasional. And the polling places—what a sight!

Plastic surgery ought to get away with a bang in America, if it can secure a backing similar to that which prohibition already has. We have so many types of map to work on, everything from the full moon platter of the overstuffed dowager to the lantern-jawed clock-stopper of the predatory moralist. Italian women, as we recall them, look pretty much alike; and there will be a tendency to standardize face lifting in that peninsula that will not militate for the best interests of the business. Here in these United States, however, where no woman will appear in public looking like any other woman, face lifting has a nice fat chance of developing into one of the fine arts.

President Coolidge can yet make a name for himself. He is plumb crazy if he thinks there is nothing left for him to do but worry along through an abbreviated lame-duck session of congress trying to save us a paltry billion of dollars. The farmers can go without relief for a while longer—they'd rather wait for Hoover help anyway. What Calvin Coolidge should do is this. Go down to congress some morning and tell those birds just how awful the faces of American women are and how badly they need lifting. He'll soon get over not choosing to run.

With all the women in American fitted out with perfect faces there would be no danger of a foreign war. The entire male population of Europe, headed by George Bernard Shaw with a lily in each hand, would move over to lecture to federated clubs on international goodwill. We could safely sink every battle cruiser we have and every one we are getting ready to quarrel about.

Let's make a piker of Mussolini. Let's beautify our fifty million American women instantaneously by act of congress. Every woman has a right to a straight nose, one—and only one—chin, and a coupla dimples, anyhow.

Ignorance of the law excuses no man; not that all men know the law, but because 'tis an excuse every man will plead, and no man can tell how to refute him.

—John Selden.

AMONG THE ALUMNI

Ned Stark, f. s., is now postmaster at Bonner Springs.

Ralph M. Karns, '26, is teaching vocational agriculture at Newton.

Malcolm Aye, '18, has established a real estate and insurance office in Manhattan.

Pat O'Connell, '16, county agent at Marysville, visited friends in Manhattan recently.

F. John Adams, '28, is located at 109 St. Marks place, New Brighton, Staten Island, N. Y.

Florence (Carey) Johnson, '23, and Mr. Johnson are located at 106 S. E. Second street, Abilene.

Joe G. Tustison, '26, holds the rank of first lieutenant in the 158th Field Artillery at Fort Sill, Okla.

G. W. Putnam, '12, is superintendent of the Upper Peninsular Exchange state farm at Chatham, Mich.

Orpha (Maust) Lowe, '22, and Mr. Lowe are located at 540 West 123rd street, apartment C 24, New York City.

A. C. Bux, '20, is a surveyman in the United States engineer's office, room 707 Postal Telegraph building, Kansas City, Mo.

George J. McKimens, '25, is employed as an electrical engineer in Norwood, Ohio. His address is 2415 Williams avenue.

Lola Brethous, '14, is successfully engaged in the management of several tearooms in Buffalo, N. Y. She lives at 660 Main street.

H. W. Broberg, '14, is chief veterinarian with Gregory farm laboratory, manufacturers of hog cholera serum, in White Hall, Ill.

Chas. W. Halferty, '28, is spending a few days at K. S. A. C. interviewing prospective employees for the Westinghouse Electric company at Pittsburgh, Pa.

F. K. Hansen, '19, is assistant state veterinarian with headquarters in Marquette, Mich. He was called home recently by the death of his father in Manhattan.

Dustin Avery, '26, and Alice (Williams) Avery, '27, are living at 1445 De Soto avenue, St. Louis, Mo. Mr. Avery is a chemist in the Proctor and Gamble laboratories.

Edwin Adey, '19, is superintendent of the construction of a dam being built by the state fish and game division at Bennington. The contractor is L. W. Rexroad, '13, and the engineer for the fish and game department is Murray A. Wilson, '22.

C. A. Herrick, '21, and Elva (Mall) Herrick, '18, are located in Madison, Wis., where Mr. Herrick is in the zoology department of the University of Wisconsin. In a letter to the stadium corporation Mr. Herrick writes, "I am sending my bit to have it help make the west wall of the stadium look like the east wall which I think is beautiful."

MARRIAGES

POLLOCK—SHIELDS

Mr. and Mrs. Howard Pollock announce the marriage of their daughter, Margaret Elizabeth, to Donald A. Shields, '25, which took place recently. Mr. and Mrs. Shields are at home at 23 Passaic avenue, Passaic, N. J.

NELSON—BROOKS

The marriage of Merle Nelson, '27, of Jamestown to Paul Brooks, '26, of Tonkawa, Okla., took place in Jamestown November 30. Mr. and Mrs. Brooks are at home in Tonkawa where Mr. Brooks manages a creamery.

TOWER—NIEMAN

The marriage of Dorris C. Tower of Northampton, Mass., to Karl W. Nieman, '26, took place in Manhattan November 29. Mr. and Mrs. Nieman are at home in Manhattan where Mr. Nieman is an instructor in the poultry department at K. S. A. C.

EVANS—WERTMAN

The marriage of Margery Evans, Washington State college, '26, M. S.

'27, to Albert P. Wertman, '23, took place in Corvallis, Ore., September 29. Mrs. Wertman is librarian at Oregon State and Mr. Wertman has a fellowship in the dairy department there. They are making their home at 336 Kings road, Corvallis.

BIRTHS

A. G. Jensen, '26, and Mrs. Jensen of Hill City announce the birth of Kenneth George November 9.

Prof. W. W. Carlson, '08, and Ida (Nonamaker) Carlson, '12, of Manhattan, announce the birth of a daughter, Ruth Elaine, November 10.

R. M. Green, '22, and Mrs. Green of Manhattan announce the birth of a son November 23. Mr. Green is professor of agricultural economics at K. S. A. C.

DEATHS

CLAYPOOL

Mildred Claypool, f. s., died at her home in Whitewater, December 4, after an illness of several weeks. Miss Claypool was a student in home economics in 1927-28.

LAMOREAUX

Mabel Ellen Lamoreaux, '25, died at her home October 23. For several years she taught in the Waterville schools and held her position as principal until last year when her health failed. Burial was in the family lot at Waterville.

AGGIE JUDGES MAINTAIN HIGH SEASON'S AVERAGE

Win a First and Two Seconds in Three Big Contests—Lose One by Two Points

Kansas Aggie livestock judges rated uniformly high during the competitive season just closed, a study of their performance shows. The K. S. A. C. team ranked first at the Kansas National Livestock show at Wichita, second at the American Royal Livestock show in Kansas City, and second at the International Livestock show in Chicago.

At Kansas City the Kansans were kept out of first place by the narrow margin of two points, Illinois winning the contest.

Members of the Aggie team were I. K. Tompkins, Byers; O. E. Funk, Marion; S. S. Bergsma, Lucas; Francis ImMasche, Saffordville; Edward Crawford, Stafford; and Dale Scheel, Emporia. Prof F. W. Bell coached the team.

Following are some pertinent statistics concerning the three shows: Kansas International contest at Wichita, total possible score 2,750 points—K. S. A. C., 2,576; Oklahoma A. and M., 2,479; Iowa State, 2,466; seven teams competing. Bergsma was high man with 532 points and ImMasche was second with 531. American Royal at Kansas City, total possible score, 4,750—Illinois, 4,304; K. S. A. C., 4,302; Oklahoma A. and M., 4,269; 16 teams competing. Crawford was high man out of 80 individuals entered in the contest. International Livestock show at Chicago, total possible score, 5,000 points—Oklahoma, 4,567; K. S. A. C., 4,532; Ohio, 4,500; 22 teams competing. A member of the Oklahoma team was high individual with 935 out of a possible 1,000. Funk of the Kansas team was second with 932, and ImMasche eighth with 917. The Kansas team ranked second on horses, third on hogs and cattle, and fourth on sheep.

Help Us Locate These Lost Alumni!

Perry, Ada (Quinby), '86	Swanson, Richard O., '13	Baker, Herbert N., '20
Smith, Chas. C., '94	Brigham, William D., '14	Rodewald, Walter W., '20
Bain, Avah I., '00	Pearson, Aaron E., '14	
Helder, A. H., '04	Sweet, William L., '14	Runyen, Winfield F., '20
Clark, Roy H., '07	Mawhiter, Geo., '13	Barber, Paul W., '21
Riddle, Genevieve L., '08	Flora, (Elizabeth) Gerald, '16	Collom, Arthur B., '21
Baker, Harvey W., '10	Elizabeth, '16	Rogers, China E., '21
Hamler, Harry T., '09	Horak, Henry R., '16	Zimmerman, Chas., '22
McCheyne, Gertrude M., '09	McGalliard, Everett R., '16	Allott, Leonard R., '23
Wilkins, Roy, '09	Reaugh, Geo. T., '16	George, Clarence R., '23
Campbell, Robert P., '13	Flora, Jefferson H., '17	Holland, Geo. S., '23
Vasey, (Emilee) Florence, '13	Macemore, (Lofinck) Emily D., '17	Honeywell, Arlie A., '23
Young, (Graybill) Ella, '13	Neale, John R., '17	Turner, Daniel O., '24
	French, Shirley B., '19	Stoffer, Glen H., '27

OUR OWN FOLKS

Paul Pfuetze, '28, holder of the Kansas Rhodes scholarship at Oxford university, and now located at Santa Fe hospital, Albuquerque, N. M., compliments K. S. A. C. for its "Bigness" and in so doing Paul reveals a friendship made possible by the fact that we have on our campus students from many countries. Many Aggie alumni value most highly their associations with students from various countries while at K. S. A. C.

Mr. Pfuetze writes to Dean L. E. Call, chairman of the Nikoloff benefit fund, as follows:

"I was overjoyed when I received THE INDUSTRIALIST to read that the "Cosmo-Ditties" program given by the Cosmopolitan club as a benefit

racial and class conflict, of war and of economic exploitation are being solved.

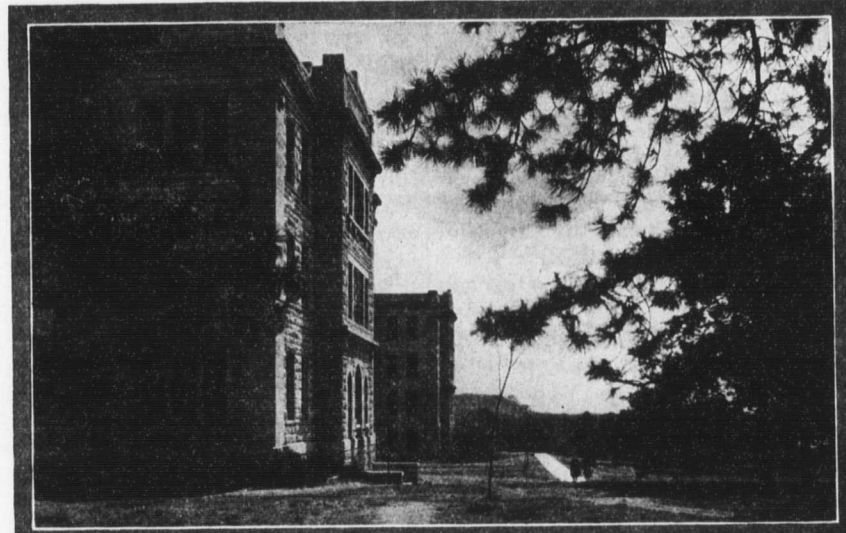
"I think that in subscribing the Nikoloff fund our students have demonstrated their part in the growing fellowship of students of every land, united in helping to create a new world of brotherly men through a common allegiance to a great cause. I trust our students will do as well in the coming canvass of the campus chest. It pays big dividends."

FLORIDA TO HAVE GOOD TEAM NEXT YEAR, SAYS BACHMAN

Gators Lose Only Two Regulars By Graduation

Only two men will be lost from the near championship squad of the University of Florida this fall, according to C. W. Bachman, head coach of the 'Gators and former

The Wings of Waters Hall



The division of agriculture on the north end of the campus is experiencing a normal healthy growth in enrolment this year. The total number of students in the division is 373, an increase of 63 over last year. Most of the increase is credited to the large freshman class of 174 students.

show for Kiril Pop Nikoloff was a huge success and that he need not now worry about his wife and boy in Bulgaria.

"Tuberculosis is indeed the white plague, but it is infinitely worse when joined with the demon of worry and fear. I think that Pop's case was arrested in time to assure recovery, but a happy and peaceful state of mind is a tremendous aid to the complete re-establishment of his health.

"As you may know, Kiril was my roommate last year and I came to hold a very real affection for him. He is such a splendid fellow, with a fine mind, keen powers of observation, sensitive soul, and a sweet spirit in spite of the fact that he has found the stern facts of life and experienced many bitter disillusionments. Although a Macedonian by birth, Pop displays many of the emotions of the Slavic race whose temperament is cold and exotic, sensitive and harsh, superstitious and logical, sentimental and brutal, deeply spiritual—all in a strange jumble.

"So many of our nations' diplomatic moves are merely gestures, but in raising this fund of relief for Nikoloff and his family the students and townspeople of Manhattan have done something real and tangible—they have built a bridge of fellowship across the sea. The whole enterprise, it seems to me, has been a beautiful venture in student friendship. The test of any college is whether in principle its life, individually and socially, is leading off in the direction of progress for the whole of society—whether in fact within the college the problems of

coach of the 'Kansas Aggies. Bachman is visiting in Manhattan this week. His Florida team suffered a 13-12 defeat in its final game of the season against Tennessee, after being previously undefeated. Bachman was accompanied by Joe Holsinger, '27, former Aggie halfback, now assistant Florida coach.

"We'll have a good football team next fall, but a hard schedule," Bachman said. Harvard, Georgia Tech, and Tennessee are among the headliners.

"I enjoy coming back to Manhattan and visiting my friends here, and will always be interested in K. S. A. C. I like it in Gainesville, too."

At the recent K. S. A. C. football banquet it was voted unanimously to send a telegram to Bachman, wishing him well in his game with Tennessee.

Honor "Sully" Sullivan

Thomas "Sully" Sullivan of Merriam, Kan., traveling passenger agent for the Rock Island railroad with headquarters in Kansas City, was given a small bronze "K" by the Manhattan chamber of commerce at the college football banquet last week, in recognition of his loyal support of and service to the Kansas Aggie team. "We can't take the Wildcat with us on our trips, so we take 'Sully' for mascot" explained M. F. Ahearn, director of athletics.

Engle Is Best Tester

Kermit Engle, f. s., employed as tester for the dairy herd improvement society in Buchanan county, Mo., recently was awarded first place and a gold medal in the annual dairy testing contest sponsored by the Missouri society of agriculture. The awards were made on the basis of the greatest progress made in testing during the year. Engle is doing his first year of testing work.

Heard Anniversary Program

Josephine (Allis) Sullivan, '17, Blackduck, Minn., writes enthusiastically of the anniversary program from station KSAC. "I never had heard K. S. A. C. before but got the alumni program fine, heard every word," she says. Virginia, Jean Louise, and Jimmie see that time does not hang heavy on her hands.

P. G. Lammerson, f. s., is teaching vocational agriculture at Spearville.

RECENT HAPPENINGS ON THE HILL

The seniors won the women's swimming meet held last Thursday, defeating the freshmen 28 to 27.

Kappa Delta was the victor in the college women's volley ball tournament, defeating Chi Omega in the finals.

An informal party was given by the Senior Men's Pan-Hellenic council at the Wareham hotel last Saturday night.

A. Harry Crane, editor of "Jayhawk," the new Kansas magazine, was to speak at journalism lecture Thursday, December 13.

Work of students in the department of architecture has been sent to Nebraska university, where it will be displayed for a month.

Prof. Martha S. Pittman of the department of food economics and nutrition, spoke over the Swift and company radio station in Chicago last week.

Judge John Hamilton, speaker of the Kansas house of representatives, will discuss the Kellogg Peace Pact in recreation center Sunday evening, December 16.

Prof. L. E. Payne, head of the department of poultry husbandry, was a speaker at the show of the Southern Kansas Poultry association at Coffeyville last week.

Lambda Chi Alpha made it a clean sweep in the horseshoe tournament when C. Smith and R. Smith won their doubles match from N. M. Lindbloom and J. Challis of Omega Tau Epsilon.

"European Reaction and the Human Element in the Kellogg Peace Pact" was the subject of a talk given today before the weekly student forum by Miss Geneva Seybold of Topeka.

Lambda Chi Alpha, with 350 points, is ahead in the race for the college intramural sports trophy this season. Delta Tau Delta and Phi Lambda Theta are tied for second with 335 points each.

Candidates for the beauty section of the Royal Purple, college annual publication, will be selected by the student body this year, according to Ralph Lashbrook, editor. Candidates are being nominated this week.

A basketball game scheduled with St. Marys college at St. Marys December 14 was called off on account of the influenza situation, the authorities at St. Marys having decided to close school until after the holidays.

Four candidates were admitted to Ur Rune of the American College Quill club because of the quality of work submitted to the membership committee. They were Mrs. Frances Shinn, Manhattan; Helen Sloan, Hutchinson; Oma Bishop, Abilene, and Henry Bagley, Manhattan.

WOMEN DEBATORS MEET WASHBURN AND C. OF E.

Demonstration Contest Held for High School Students

Two no decision debates were participated in last week by women's teams from K. S. A. C., as part of a series which is being conducted to aid high school debaters in their preparation on the question, "Resolved that the parliamentary system of government is preferable to the presidential type used in the United States."

At Marysville Gladys Schafer of Eskridge and Juanita Harbes of Manhattan took the affirmative side of the question against a team from Washburn college. Forest Whan, '28, instructor at Marysville high school, presided.

Blanche Myers of Americus, Miss Schafer, and Blanche Hemmer of Medicine Lodge, competed at Eskridge against a College of Emporia team.

PHI KAPPA PHI CHAPTER HONORS GOOD STUDENTS

RECOGNITION CERTIFICATES PRESENTED IN CONVOCATION

'Progress Dependent On Superior Individual,' Says President Farrell—'Good Scholarship Is Not an Overnight Achievement'

"We always like to recognize superiority, whether it is in football, in scholarship, or in any other worthy activity," said President F. D. Farrell before the annual Phi Kappa Phi student assembly Friday, December 7.

"Progress is dependent on the superior individual," President Farrell said. "Superior students contribute more, as a group, to the welfare of humanity than any other group of equal size."

Emphasis was placed by the speaker on the fact that good scholarship is not an overnight achievement, but really begins with one's ancestors, and, results from days, weeks, and years of persistent work.

HONOR FOR SCHOLARS

The convocation program was in recognition of the work of the 20 recent initiates of Phi Kappa Phi, and of 103 members of last year's freshman class, who were presented with certificates by Phi Kappa Phi for being in the upper 10 per cent of their class in scholarship.

Miss Florence Heizer, formerly of K. S. A. C. and now of Washburn college, Topeka, gave an address on "The American Art Theater."

"The New York Theater Guild stands at the head of the list of American Theaters," Miss Heizer said. "It ranks with the Max Reinhardt theater in Germany, the Moscow Art theater in Russia, and the Irish National theater," she said. "Today the theater is one of the worthiest of arts. Its versatility, significance, and importance is such that it is not considered a luxury."

Dr. W. H. Andrews, of the department of education, gave the invocation at the assembly.

Certificates of membership were presented to the Phi Kappa Phi initiates, and certificates of good scholarship to the former freshmen on behalf of Phi Kappa Phi by Prof. Ralph Ray Price, head of the department of history and government.

THOSE HONORED

The Phi Kappa Phi members honored:

Agriculture—Hobart Pattison Blasdel, Albert William Miller, Leonard William Koehler.
Engineering—Earl Leroy Sloan, James Eugene Irwin, Emerson George Downie, Ralph LaRue Miller, Charles Belgrove Olds, Arthur Elmer Dring.
General science—Carol Lusetta Stratton, Nancy Genevieve Carney, Helen Van Zandt Cortelyou, John Henry Shenk, Helen Charlotte Heise, Letha Mildred Schoeni, Mabel Grace Paulson, Renness Irene Lundry.
Home economics—Esther Beatrice McGuire, Linnea Carlson Bennett.
Graduate—Arthur Clinton Andrews.
Freshmen who won certificates:

Those winning certificates were:
Division of agriculture—Fulton G. Ackerman, Lincoln; John S. Boyer, El Dorado; Tom D. Dicken, Winfield; Ralph F. Germann, Fairview; Clarence L. Gish, Abilene; John B. Hanna, Clay Center; Alonzo S. Lambertson, Fairview; George D. Oberle, Carbondale; Alva M. Schlehuber, Durham; Lot F. Taylor, Ashland; Bruce R. Taylor, Alma; Arnold Chase, Manhattan.
Division of engineering—Loren J. Allison, Falls City, Neb.; Theodore A. Appl, Bison; William S. Barackman, Jr., Howard; Howard Blanchard, Wichita; Verdis U. Brown, Larned; Merl L. Burgin, Coats; Norvall O. Butler, Manhattan; William R. Chalmers, Burlington; Frank R. Condell, El Dorado; Marion A. Cowles, Sharon Springs; Lloyd E. Fritzing, Manhattan; Kenneth D. Grimes, Topeka.
Edwin L. Hilsand, Manhattan; William R. Jackson, Manhattan; LeRoy F. Kempley, Chanute; William G. Kirby, Toronto; Robert B. Moon, Fort Riley; Clyde Newman, Holton; Robert J. Pafford, Salina; George R. Shier, Gypsum; Elbert W. Smith, Russell; Lee O. Stafford, Republic; Howard E. Tempero, Broughton; Elmer H. Thom, Oakley; Harold E. Trekel, Belle Plaine; Otis H. Walker, Junction City; Ira E. Washburn, Wichita; Herbert L. Winston, Stillwell; Floyd G. Winters, Oswego; George E. Wise, Wichita; Richard H. Wood, Cottonwood Falls; Florence M. Wyatt, Kansas City; Carl L. Zohner, Penokee; Earl M. Reiger, Moundridge; Clarence A. Rindard, Salina.

GENERAL SCIENCE

Division of general science—Roy L. Armstrong, Leocompton; Ruth I. Botsford, Manhattan; Anna E. Briggs, Hutchinson; Paul B. Cain, Belle Plaine; Sylvia M. Clammer, Manhattan; John T. Correll, Manhattan; Margaret H. Darden, Manhattan; Nina Edelblute, Manhattan; Clarice V. Erickson, Cottonwood Falls; Edna E. Findley, Manhattan; Muggins Hardwick, Clovis, N. M.; Fritz G. Knorr, Manhattan; Charles W. Koester, Marysville; Mary J. Jobling, Caldwell; Roy L. Fox, Perth.
Lesta L. Lawrence, Abilene; Josephine N. Lighter, Dodge City; Arie L. McBurney, Manhattan; Wayne V. McCrann, Manhattan; Edith E. Miller, Salina; Margaret Miner, Ness City; Dale M. Morris, Raymond; Raymond Patterson, Morrowville; Mildred E. Purcell, Manhattan; Anna Reed, Kanopolis; Esther Rockey, Manhattan; Stevens S. Roehman, White City; Mabel E. Roepke, Manhattan.
Vernal C. Rowe, Dighton; Emily O. Rumold, Manhattan; Pauline W. Samuel, Manhattan; Vernita G. Shade, Manhattan; Gladys Schmedemann, Manhattan; Helen Sloan, Hutchinson; Thelma W. Stafford, Republic; Winifred Tauer, Wamego; James Taylor, Manhattan; Alice Tribble, Circleville; Richard G. Vogel, Stuttgart; Blanche Wetzig, Junction City.
Division of home economics—Alice V. Adams, Leavenworth; Hazel E. Cooley, Alton; Miriam G. Eads, Cullison; Mary G. Hays, Manhattan; Geraldine J. Johnston, Manhattan; Beulah M. Macklin, Streeter; Nina D. Paulson, Onaga; Edna I. Pieplow, Hutchinson; Helen D. Porter, Stafford; Thelma Reed, Kanopolis; Katharine F. Roofe, Spring Hill; Gertrude L. Seyb, Pretty Prairie; Marie Shouse, Niles; Anna Wilson, Manhattan.
Division of veterinary medicine—Carl J. Majerus, Falls City, Neb.; Don H. Spangler, Stanton, Neb.

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Division of veterinary medicine—Carl J. Majerus, Falls City, Neb.; Don H. Spangler, Stanton, Neb.

FREEMAN IS CAPTAIN OF AGGIE GRID TEAM

(Continued from page 1)

men who had made letters in past seasons, worked hard this fall, but failed to complete the requirements for another letter.

"We didn't have the championship team of the United States last season," said "Bo" in his best drawl, "but you can't tell—one of these days we might have the best team. A spirit such as was shown at Nebraska in the last game may win any kind of championship, any old time."

During the course of the speech making time was taken out to give "Jay Rah," led by Milton Allison, college cheer leader. At the conclusion of the banquet "Alma Mater" was sung.

Members of the varsity squad and varsity reserves, freshman numeral men, and members of the athletic department staff were guests at the banquet. A total of 33 men were guests as freshman squad members, but only 25 of these are assured of numerals. The remaining eight must satisfy scholastic requirements.

The guests:

VARSITY LETTER MEN

Letter men of 1928—H. J. Barre, Tampa; K. C. Bauman, Salina; William Bokenkroger, Sabetha; Wm. Daniels, Luray; H. A. Dimmitt, Roswell, N. M.; Hugh Errington, Ruleton; Marion Evans, Gove; A. H. Freeman, Manhattan; George Lyon, Manhattan; Ed McBurney, Newton; W. H. Meissinger, Abilene; Alex Nigro, Kansas City, Mo.; M. E. Pearson, Manhattan; W. E. Platt, Manhattan; Price Swartz, Everest; C. O. Tackwell, Manhattan; D. M. Telford, Manhattan; Wm. Towler, Topeka; H. R. Weller, Olathe; James Yeager, Bazaar.

Former letter men—Joe Limes, La Harpe; John Smerchek, Cleburne; Joe Anderson, Salina; Robert E. Sanders, Burlington.

Varsity reserves, 1928—K. A. Boyd, Irving; A. W. Broady, Plains; P. E. Brookover, Scott City; R. A. Bell, Be-

PROGRESS OF KANSAS PRESS

F. E. C.

The front page column on "Town Talk" which appears daily in the Concordia Blade-Empire adds much of local interest to the Blade. By combining local stories and press association matter the Blade turns out a paper that is always interesting to its readers.

The Coffeyville Journal, published by H. J. Powell and Stanley Platz, has let a contract for a new home for the Journal. When completed the building is expected to be one of Coffeyville's finest. It will contain two stories and will be fully equipped with modern machinery.

The St. Marys Star, published by Frank A. Miller, uses an effective front page feature, "Who's Who Along Main Street." With a half-tone of a prominent St. Marys business man is presented a short biography playing up his characteristics, hobbies, and accomplishments.

The Centralia Journal, published by H. L. Wait, has been hand set for years, but the November 30 issue of the Journal appeared in a new dress. Editor Wait has not installed a type setting machine but his neighbors, the editors of the Frankfort Daily Index, are composing the straight matter for him.

The Advocate-Democrat at Marysville, published by H. M. and L. R. Brodrick, is one of several papers that have changed from a 13-em to a 12-em column within the last few months. The Advocate-Democrat

There's a Great Difference in Shoes, One Observes After Seeing Antiques

Just "old shoes." They are associated with housecleaning bonfires or the missionary barrel. But "antique shoes!" Ah, there's a difference! All the difference in the world, one decides upon seeing the charming collection of handmade children's shoes of Civil war times which are on exhibit in the museum cases in the home economics hall.

Prof. Ina F. Cowles discovered them in a shoe shop in Lawrence and realized that they had more than advertising merit. Through her request they were lent to K. S. A. C. by the Fischer shoe company.

For a long time now the delightfully peculiar dresses and hats—what hats!—of our grandmothers have been cherished. But why hasn't someone thought of shoes before? Perhaps because no one keeps old shoes. Yet they are as valuable a contribution to Americana as tiny, tight waists, leg-o'-mutton sleeves, and skirts that are yards and yards around.

Fortunately the sentiment attached to baby's shoes have caused a few to be preserved. Strange square toed things, these are, with soles alike for both feet and some of them "nailed"

to the leather by wooden pegs. It is easy to tell that the babies who wore them were of sturdy pioneer stock. For their shoes, even their first, were of coarse, heavy leather, quite stocky enough to be a present day tramping, or work shoe. Some child psychologists would certainly see some relation between the kind of shoes they had to wear in the "impressionable childhood years" and the rugged characters they later developed!

Leather boots thrilled the hearts of youngsters before rubber boots became the object most desired by every child. And they, too, had red tops. At least the exceedingly small and very high pair of boots in Miss Cowles display shows bits of red. The color has grown worn and faded since some little Boy Blue romped in them.

There are heels for which no other adjective but "cute" will fit. Little wooden blocks, some of them curved quite French-ly, look incongruous on the most miniature of shoes. No doubt it pleased the parents, then as now, to call the wearers "little men," and the shoes, "just like Dad's"

AGGIE BASEBALL TEAM HAS 17-GAME SCHEDULE

Intersectional and International Games Are Highlights of Schedule of Valley Champs

Intersectional games with Wisconsin university of the Big Ten conference, and an international game with Osaka Mainichi of Japan are on the schedule of the Kansas State Agricultural college baseball team, last year champions of the old Missouri Valley conference, as announced by M. F. Ahearn, director of athletics.

The Aggies will meet Wisconsin at Manhattan April 19 and 20, and Osaka Mainichi at Manhattan May 7. Seventeen games are on the schedule as announced, but a home and home agreement may be reached with Arkansas university provided permission of the new Big Six conference can be obtained for a game in excess of the normal schedule.

Fourteen of the 17 games so far scheduled are with Big Six teams.

An innovation in the Aggie schedule this year is a game scheduled for Commencement day, May 29, with Kansas university at Manhattan.

The schedule:

April 6—St. Marys at St. Marys.
April 12 and 13—Kansas at Lawrence.

April 19 and 20—Wisconsin at Manhattan.

April 26 and 27—Missouri at Manhattan.

May 3 and 4—Nebraska at Lincoln.

May 7—Osaka Mainichi of Japan at Manhattan.

May 10 and 11—Iowa State at Manhattan.

May 17 and 18—Nebraska at Manhattan.

May 15 and 16—Oklahoma at Manhattan.

May 28 and 29—Kansas at Manhattan.

Keck Works in Florida

Chester B. Keck, '27, M. S. '28, has accepted a position with the United States department of agriculture as junior entomologist at Orlando, Fla., in the citrus laboratory. His work is research with fern insects. Mr. Keck writes that he and Mrs. Keck take great pleasure in following Coach Bachman's "Fighting Gators" up at Gainesville. They have scored more points than any team in the United States and have lost only one game, that by a single point.

Scholar Studies Concrete

Chas. H. Scholer, '14, head of the department of applied mechanics at K. S. A. C., spent several days in Reno, Clark, and Kearney counties recently inspecting some concrete specimens in the Arkansas river. The object of the experiment is to determine the durability of concrete in alkaline water. Professor Scholer has been watching this project since it was started three years ago.

COMBINE FEEDING AND ELECTRIC POWER TEST

USE HEREFORD YEARLINGS AND TWO YEAR OLDS

Two Experiment Stations and Committee On Relation of Electricity to Agriculture Study Together at Ft. Hays

Possibilities of electrical power in such farm work as the preparation of feeds used in wintering cattle are being tested at the Fort Hays branch of the Kansas agricultural experiment station this winter. Prof. Roy Bainer of the department of agricultural engineering of the college, is conducting the electrical work of the experiment, a joint project in which the Kansas committee on the relation of electricity to agriculture is cooperating.

The purposes of the experiment are first, to determine the relative feeding value of kafir in the form of fodder, stover and hay—whole, ground and cut—in comparison with kafir fodder silage and kafir stover silage, and second, to determine the cost and methods of processing the feeds by grinding and cutting, and to determine the efficiency of electrical power and machines for this purpose.

USE ONLY ELECTRIC POWER

All machinery used in preparing the feeds is electrically driven. The feed will be cut every other day and the effect of moisture and the character of feed on the power requirements will be determined.

Silage was cut earlier in the fall by the use of an electric motor. A 10 horsepower motor was used to pull the cutter at 500 revolutions per minute, which at that speed had a capacity of five to eight tons per hour. The silage was cut one-fourth inch in length. Had it been cut at the usual length of one-half to three-fourths of an inch the capacity would probably have been increased from 50 to 65 per cent, according to Professor Bainer.

SEVEN LOTS OF HEREFORDS

Ten lots of yearling Herefords and two-year-olds with 10 animals per lot are being used in the experiment. The roughages fed are as follows: lot 1, kafir fodder; lot 2, kafir stover; lot 3, kafir fodder silage; lot 4, kafir stover silage; lot 5, kafir stover ground with one-inch screen hammer mill; lot 6, kafir stover cut one-fourth inch length with ensilage cutter; lot 7, kafir fodder ground with one-inch screen hammer mill; lot 8, kafir fodder cut one-fourth inch length with ensilage cutter; lot 9, kafir hay whole; lot 10, kafir hay ground with one-inch screen hammer mill.

The steers will be weighed every 28 days, their weights recorded, and gains compared and checked up at the end of the experiment to the various methods of feeding.

COLLEGE SHORT COURSES

START AGAIN JANUARY 7

Annual Eight Weeks Study Designed for Farm Youths

Sessions of the 1929 farmers' short courses offered by the college will begin Monday, January 7, continuing for an eight weeks' period and closing on Saturday, March 2. These short courses are designed particularly for men who have chosen farming as their vocation and who are alive to the information offered by the institution but are denied the opportunity of pursuing the regular college curriculum in agriculture.

The short course runs for two years and upon completion of the two eight weeks' courses the students are given a certificate showing that they have satisfactorily covered the work.

K. H. Cook Visits K. S. A. C.

Kenneth H. Cook, '28, stopped at the college recently on his way from Denver where he has been making a survey of transmission lines. Mr. Cook is employed by the American Telephone and Telegraph company and is living in Independence, Mo.

Stebbins Promotes Telephony

R. H. Stebbings, f. s., has accepted a position with the Lincoln Telephone and Telegraph company of Lincoln, Neb. His work will be in their commercial department.

Eighteen foreign students at K. S. A. C. were guests of the Manhattan Kiwanis club at its regular meeting at the Community house last week.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, LILLIAN HUGHES NEIS-
WANGER, R. I. THACKREY... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, DECEMBER 19, 1928

MACHINE AGE BEAUTY

Numerous exhibits of etchings, paintings and other art works were held, many of the art objects coming from foreign countries. More than 3,000 people visited these exhibits.

Four hundred seventy-nine samples of oils and greases were tested for state institutions and 303 samples for citizens of the state, distributed through 53 counties. This testing service enabled the state business manager to buy oil for the use of state institutions on a competitive basis at much less than the usual price. —From the Thirty-second Biennial Report of the Kansas State Agricultural College.

Oil and art objects juxtaposed in the official report of an institution devoted to higher learning. Shades of Ruskin, Carlyle, Kingsley, and Matthew Arnold! Only yesterday were they hurling denunciations against the ugliness of industrialism, these lovers of beauty and haters of the machine. Free men capable of artistic creation and esthetic appreciation could never rise from the smoke, soot, and grease of this crass era, they shouted. They bewailed the utter hopelessness of the situation. And today there are those of less stature who echo their thesis.

But the realities of life today fail to justify even the least sanguine of these grand old prophets' pessimistic warning. One may find it not alone in a college president's matter-of-fact remark relative to 3,000 people visiting art exhibits and the analysis of 479 samples of grease. One may find it in the harmonious blending of a Scotch pine with the limestone walls of a shop practice building, in the pleasing silhouette of a smoke-stack lifted out of a campus power house, in the graceful lines and color harmonies of a home economics sophomore's scarf, in the curves of college roadways banked with shrubs, in areas that carry the eye beyond the stadium to hazy horizons, in doorways where bittersweet is red in December.

Here is no argument for the existence of beauty in the midst of a machine civilization. Here is beauty itself created and appreciated by a free people who are teaching or learning the lessons of a scientific and technological age.

LEE SIMONSON

A window card, advertising "The Doctor's Dilemma," which will be played in the college auditorium January 7 by the repertory company of the New York Theater guild, is attracting a great deal of attention on the part of people who pay attention to art details.

The card which has received a number of favorable comments was designed by Lee Simonson, a charter member of the New York Theater guild, and one of the most astonishing geniuses that America has produced in the field of artistic stage-set design.

The American triumvirate among stage-set designers are Robert Edmond Jones, Norman-Bel Geddes, and Lee Simonson. And the greatest of these is Simonson. Norman-Bel Geddes designed the sets for the "Miracle" which Morris Gest produced several years ago. Robert Edmond Jones is known for his designing of the sets for "The Birthday of the Infanta" of the Chicago Civic Opera

company and with Cleon Throckmorton, the sets for Eugene O'Neill's "The Hairy Ape." Lee Simonson has to his credit a long string of successes among which are "Mr. Pim Passes By," "Lilliom," "Don Juan," "He Who Gets Slapped," and "Peer Gynt."

Any work of art by Simonson will bear close study, and the show card, advertising "The Doctor's Dilemma," is no exception. The skilful handling of contrasting colors in large masses, the accent of red hearts against a bluegray test tube, a black meditative figure silhouetted against a brilliant orange background, arrest immediate attention. The painstaking care which the guild has exercised even in such a small detail as window card advertising, is indicative of the finish which the guild demands in all of its productions.

BOOKS

Wordy Prophet in Modern Manner

"Splendor" by Ben Ames Williams. E. P. Dutton and Company. \$2.50.

A person of discernment remarked that possibly all great literature is racy, but that it is equally true that all racy literature is not great.

Something similar might be truthfully said relative to the ordinary people who are the characters in modern fiction. Nearly all of it contains them, but merely containing them does not make it great.

Compelling, sure to life beyond its time, much of this literature gains strength by the reiteration of monotonous detail. Theodore Dreiser, Sinclair Lewis, Sherwood Anderson, Willa Cather, these and other modern writers on the positive side have established the evident soundness of the theory. Ben Ames Williams, negatively, adds plausibility.

That the mere introduction of ordinary people into fiction does not necessarily cause the work to be literature is conclusively proved by "Splendor." One must toil through more than 500 pages to learn about Henry Beeker who laboriously, rose from office boy to the splendor of the statehouse run on a newspaper, only to be sent back to the reference department, a discouraged old man, still as uninteresting a figure as the day he stepped into the pages of the novel.

Here is a book that will wear you —wear you out. It is a fair picture of life in the city room of a newspaper office. There are isolated scenes that present a little more than good feature story accounts of the family life of unimaginative Henry and the even more phlegmatic Shirley, his wife. And on pages 363-5 there is good advice to aspiring authors. The reviewer didn't skip, but the reader is advised to. The author has taken a volume to say unimpressively what the prophet in a verse said with words that probably will last forever:

"What profit hath a man of all his labor which he taketh under the sun?" —C. E. Rogers.

TWENTY WAYS TO CURE THE BLUES

Nearly everyone is at least occasionally subject to depression of spirits, and frequently this depression is out of proportion to the cause. Extremes of this kind are called "melancholia" and require expert handling, but minor instances are best just called "the blues." They have to be self treated. How do you do it? Of the ways 300 students said they did it here are 20:

1. Take a brisk walk.
2. Realize that the other person may have been right.
3. Think to myself that I mustn't take life too seriously.
4. Re-read an old favorite book.
5. Read Shelley and Keats.
6. Read something funny or go to a funny show.
7. Work so hard that it is impossible to think of anything else.
8. Go down town and look at people and things.
9. Play hockey or tennis and dance.
10. Sleep them away.
11. Talk things over with some friend who understands.
12. Put on good clothes and go somewhere.
13. Play it out on the piano or victrola.
14. Try to make everybody think I'm

feeling good, and pretty soon I am. Cuss it out.

Reason it out in solitude. Start building castles in Spain. Drive an automobile fast and furiously on a lonely road.

Get with people who are absolutely happy and carefree.

Remember that tomorrow is another day.

—From the Bulletin of the Kansas Mental Hygiene Society.

of forest trees used ornamentally upon the college grounds.

The regular annual meeting of the Kansas State Horticultural society was held at Topeka. Those of the college who attended were Prof. E. E. Faville, W. L. Hall, Prof. J. D. Walters, and P. J. Parrott.

FORTY YEARS AGO

E. H. Snyder, '88, and Dora Van Zile, f. s., were married. They were

The Land Grant College Unique

The Thirty-Second Biennial Report of the Kansas State Agricultural College

The land grant colleges differ in several essential respects from other types of institutions of higher education. If a correct understanding of the activities of the agricultural college is to be had, these differences must be taken into account. It is important to recognize that a land grant college does not engage exclusively in providing instruction for resident students. The college supplies three major types of service to the people of the state:

1. Resident Instruction
2. Research Work
3. Extension Work

If resident instruction were the only activity of this college the expense of operating it could be reduced almost 50 per cent, for only a little more than half of the expenditures incurred each year are for resident instruction. Most of the remainder is used to finance the research work of the experiment stations in agriculture, engineering, home economics, and the industrial sciences, and to pay for supplying educational service in these subjects to citizens in every part of the state, through the extension service. These three major types of service are required of the college under the laws, federal and state, that authorize its maintenance. This fact gives to a land grant college a distinctive character among the institutions of higher education.

In recent years the proportion of the total expenditures of the college that has been devoted to each type of activity has been as follows, in round numbers:

	Per cent
For resident instruction.....	54
For research and investigation.....	15
For education and other services off the campus.....	21
For construction and maintenance of buildings.....	10
Total	100

Long experience has shown that comparatively few people appreciate the facts indicated by these figures. Most people regard a college as a place where high school graduates go for higher education; as an institution devoted solely to the instruction of resident students. As the above figures and subsequent discussion show, such a conception is decidedly incorrect when applied to the Kansas State Agricultural college. It is for this reason that it is important to emphasize the fact that this college and other land grant educational institutions are different from the older types of college.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

May Sweet, '17, was working in the office of the Burlington Republic.

Mrs. Velora (Fry) Gould, '15, and son, Max, spent a few days at the home of Mrs. Gould's parents here.

Dr. R. A. Muttowski, formerly instructor in zoology at the college, was in an officers' training camp at Yale university.

Estella Mather, '13, formerly connected with the extension division of the college, was taking advanced work at Columbia university.

TWENTY YEARS AGO

The dairy department conducted a butter makers' scoring contest during the state farmers' institute.

C. W. McCampbell won second high honors in the individual scoring at the International Livestock show in Chicago.

Allie Peckham Cordry, '82, was writing society and club news for the Parsons Sun in addition to her home duties.

The following football teams played on the Aggie home schedule: Nebraska, William Jewell, Lindsborg, Southwestern College of Winfield, Nebraska Wesleyan, Kansas Wesleyan, and Baker.

THIRTY YEARS AGO

Professor Sangerman of Heidelberg, Germany, gave a chapel lecture on "The Human Voice."

The advanced industrial work included a study of the various species

at home at 706 Monroe street, Topeka.

D. Atkins, f. s., purchased the Riley Times.

O. G. Palmer, '87, was on the program of a teachers' association in Jewell county.

A. J. Dalrymple, f. s., accepted a position as penman at Neal's college, Fort Smith, Ark.

FIFTY YEARS AGO

Prof. A. E. Blunt of White Cliff Springs, Tenn., visited at the college.

E. B. Purcell filled the vacancy left by L. J. Best on the board of regents.

Frank Jackson, former superintendent of the college telegraph department, was to have charge of the state line office, with headquarters at Kansas City.

Among the books used by Gene Tunney to while away the long hours of training were "Essays" by Hazlitt; "The Way of All Flesh;" "Of Human Bondage;" "History of English Literature" by Taine; "Poems of Keats, Swinburne, Shelley;" "The Story of Philosophy;" "The Sun Also Rises;" "The Bridge of San Luis Rey;" "The Atlantic Monthly;" "The National Geographic." The most famous remark on Tunney's aspirations was made by Jack Dempsey. When asked what he thought of Tunney's addressing William Lyon Phelps' class on Shakespeare, Dempsey replied: "It's all right by me as long as it helps the racket."

WHEAT FIELDS IN KANSAS

Eugene Surmelian in The Lyric West

They spread, these fields, as brazen seas
With flaming tongues that lick the hands
Of bounteous gods.
They move and grow, they roll and flow
Like scented smoke and melodies.
They sing. They dance. They play
With gods
And hug the winds.
Their bosoms full with kernels ripe.
They glow, they heave, they stir and sway
Like pregnant brides—voluptuous, fair,
And full of love for men and things—
While gods and winds
In lofty air
Caress and kiss their russet hair.

SUNFLOWERS

H. W. D.

MERRY CHRISTMAS!

In the midst of all the other good wishes for a Merry Christmas and a Happy New Year let me find room.

I am only a column, coming to life—or something approximating life—once a week. But I wish you well. It is monotonous, this being born every week without having the least notion of what you are going to be. It's not like being born a Christmas card. For then you know.

If you are a Christmas card, you have your choice of three things. You can be clever, arty, or archly exclusive. But you are nearly always one of them, and run little risk of being anything else.

Sometimes, if you are lucky and come of a good family, you can be distinctive and truly individual. But it never lasts more than a year, for next Christmas there is a regular deluge of you, and you have to take your place as a private in the pile.

This is the first time I have ever been born anything like a Christmas card, and I may not do so very well. But I'll try to make up in sincerity what I lack in red, and green, and fir trees, and Santa Claus, and gold and silver tinsel, and bound verse, and free verse, and subtle conceits, and what folks sometimes call "really clever ideas."

And I'll have to come to you on this ordinary paper that didn't cost a penny more than it is worth; but I'll promise not to be self-conscious lying on the little table in the hall, not even though the hundreds of other good wishes are much more elegantly dressed than I.

Now that everything has been explained, I guess I'd better get to telling you what I wish you besides the Merry Christmas and the Happy New Year. We more distinctive Christmas cards always try something in addition, I understand.

In order to make it possible for you to have the happiness that I've wished you at the beginning I hope also that you will be inclined to want but little here below. That's basic. Indeed, it's the only insurance against storms of disappointment and regret. And it's not unpleasant—after you've tried it a while.

And I hope you won't expect too much of your friends nor too little of your enemies, for there are a lot of people who've grown miserably unhappy doing that.

And I trust that no unhappiness may come to you because some people on this earth don't happen to like exactly the same things that you and your friends like. Of course, it's convenient to standardize bolts and nuts and automobile tires and electric light sockets and canned soup and college degrees, perhaps; but when it comes to poetry and love and music and wall paper and religion and Christmas cards and hosiery, you just about have to be tolerant in order to smile as often as once a month.

You see, all this happiness we Christmas cards are wishing has a joker in it. And the joker is this: It all depends on you, anyhow.

Now if I were on a beautiful red card with reindeer and mistletoe, or if I were poetry instead of just plain prose, I should have to be polite and suppress that. But I'm glad I'm not what I'm not, and I hope you are, too.

AMONG THE ALUMNI

Joe Burge, f. s., is with the Topeka engineering department.

Henry P. Quinn, f. s., has been made telegraph editor for the Coffeyville Morning News.

Paul Mangelsdorf, '21, College Station, Tex., visited in Manhattan during the late summer.

Ted Hogan, '24, is sales manager for a flour company, Board of Trade building, Kansas City, Mo.

Orie Beeler, '16, is state farm bureau organizer for Iowa. His headquarters are in Des Moines.

Raymond A. Baldwin, '13, is employed as a shipping clerk for the Piggly Wiggly stores in Topeka.

Ethel F. Trump, '24, is a dietitian at Child's restaurant, 1836 Sixteenth street, N. W., Washington, D. C.

S. P. Lyle, '21, is head of the department of agricultural engineering at the University of Georgia, Athens.

H. A. Bredehoff, '27, is employed by the Bell Telephone company, New York City. His address is 463 West street.

O. D. Lantz, '26, and William Hartgrove, '24, are working for Wight and Wight, architects, Kansas City, Mo.

Clyde L. Lewis, f. s., Naval Station, San Diego, Cal., is not in the best of health. He would like to hear from old friends.

K. D. Thompson, '20, is fieldman for the Ralston Purina Company, Colorado Springs, Col. His address is 1215 N. Wahsatch.

Francis L. Wilson, '28, is assistant editor of the Parade, official publication of the Public Utilities Investment company, Salina.

Walter Hemker, '25, recently accepted a position as associate professor of agricultural engineering at Penn State college, State College, Pa.

William Poole, '39, writes from Silver City, N. M., that he and Mrs. Poole enjoyed the anniversary program from station KSAC very much.

Ralph Rader, '95, is a traveling waterway engineer with headquarters at 1243 Grand, Topeka. His territory comprises Oklahoma and Texas.

Homer W. Larson, '22, is an engineer with the Western Electric company in Chicago. His home is at 5427 Brookbank road, Downers Grove.

G. R. Fickel, '12, is Denver service manager for the Westinghouse Electric company in Denver, Col. His address is 900 South University boulevard.

John Dwight Parsons, '15, is employed by the Butler manufacturing company of Kansas City. His home address is 1855 Harvard street, Independence, Mo.

L. O. Sinderson, '23, is elevator engineering specialist for the Elevator engineering department, General Electric company, Chicago. He is living in La Grange, Ill.

Paul B. Winchel, '21, is assistant superintendent of the Bristol Gas and Electric company in Bristol, Tenn. He and Mrs. Winchel make their home at 939 Hill street.

Ivon (Dallas) Gore, '10, and H. W. Gore, '10, of Santaquin, Utah, visited recently at the home of Gladys (Nichols) Dearborn, '10, and E. H. Dearborn, '10, in Manhattan.

Theodore C. Potter, '25, and Lenore (Spence) Potter, f. s., are living at 378 Kenmore place, Milwaukee, Wis. Mr. Potter teaches mathematics in the Lincoln high school.

Harve Frank, '17, is practicing veterinary medicine at Jewell City and in his leisure time plays on the city football team. In a recent game he received a broken collar bone.

Will D. Austin, '10, and Margaret (Keys) Austin, f. s., of Isabel, visited the campus recently. Mr. Austin cooperates with K. S. A. C. in crop variety tests and is an active alumnus in Barton county.

Ted Crawford had a little hard luck. Struck oil on his wife's folks' farm. We hope Ted will be able to bear up under the burden. Moved to Paola, so they say. —From Beta Kaptions.

Austin W. Stover, '24, Blackfoot,

Idaho, writes that he finds it much easier to get station KSAC on the new wave length. Despite a heavy snowstorm he was able to get much of the anniversary night program November 26.

R. G. Cortelyou, '27, is in his second year of the Harvard school of business administration and expects his master's degree in June, 1929. He was recently chosen a member of the editorial board of the Harvard Business Review. This honor is conferred upon the 20 first year men who stand highest in their class. Last year's class numbered 400.

K. S. A. C. is well represented by Aggies in Schenectady, N. Y. Kenneth B. Mudge, '27, writes from 41 Morgan avenue, that besides himself there is L. A. March, '27, Carl Miller, '28, Christian Rugh, '26, J. E. Schrock, '27, R. G. Obrecht, '27, W. T. Hart, '28, John Yost, '27, W. A. Thompson, '28, C. C. Tate, '27, L. S. Hobson, '27, H. F. Blackburn, '27, and S. J. Tombaugh, '27.

DEATHS

BRANTINGHAM

Mildred (Neilson) Brantingham, f. s., died at Concordia December 7. Mrs. Brantingham was a member of Alpha Delta Pi.

STATION STUDIES 115 MAJOR FARM PROJECTS

Agricultural Experimental Unit Oldest of Three at College, Farrell's Report Shows

The oldest and largest of the three research units—the agricultural experiment station, the bureau of research in economics, and the engineering experiment station—maintained at the Kansas State Agricultural college is the agricultural experiment station, the scope of which is summarized in the biennial report of President F. D. Farrell.

The main station is located at Manhattan and there are branch stations at Hays, Colby, Garden City, and Tribune. In southeastern Kansas five experimental fields are maintained for the purpose of studying the problems involved in the improvement and utilization of the five principal types of soil.

In addition to the work at these places, experiments numbering 834 were carried on during the biennium on regular farms in 90 counties in cooperation with the farm owners. These experiments included 170 variety tests of corn, 122 variety tests of wheat, 33 variety tests of oats, 163 variety tests of sorghum, 54 variety tests of alfalfa, 120 variety tests of miscellaneous crop plants, 105 fertilizer tests, and 66 miscellaneous tests.

"The major projects of the agricultural experiment station, of which the experiments indicated above constitute one project, numbered 115," the report continues. "These projects included studies of marketing and other economic problems of agriculture, studies in soil conservation, in plant production and utilization, in the animal industries, in home economics, and in several miscellaneous subjects."

"The results of this work were reported upon in 23 bulletins and circulars, in 123 articles published in technical journals, in 1,782 popular articles in newspapers and farm papers, in hundreds of addresses delivered to audiences in virtually every county in the state, and in thousands of personal letters."

Holton Attends Conference

Dean E. L. Holton returned Sunday from a meeting of the Cleveland educational conference which was held at Chicago last week. The Cleveland conference is an organization of about 60 leading American educators who meet annually for a round table discussion of foremost educational problems. At present, Dean Holton is the only Kansas member on the conference.

A Record in Pictures

Pictures of all the graduates in electrical engineering at the college for the last 14 years now hang in the hall of the engineering building. The classes represented are those of 1915 to 1928.

OUR OWN FOLKS

C. M. Miller, M. S. '28, director for the Kansas state board of vocational education, was elected president of the national association of state directors of vocational education while attending in Philadelphia the conference of state directors of vocational education and the convention of the American Vocational association.

The election of Mr. Miller to the presidency of this national group is indicative of the fine quality of service that is being given to people of Kansas by the state board of vocational education. Mr. Miller has served as director of the board and supervisor for vocational training in trades and industries for the last six years. He is assisted in the state office by Lester B. Pollom, '13, supervisor of vocational agriculture and Miss Hazel B. Thompson, supervisor of vocational homemaking.

During these six years vocational education in Kansas has experienced a great expansion. Kansas now has exactly 100 high schools with departments of vocational agriculture. Thirty-two high schools offer the vocational homemaking course and many communities are offering evening courses to adults covering practically every gainful occupation known to Kansas.

More than 200 instructors are teaching vocational courses in Kansas high schools and a large majority of these teachers are K. S. A. C. alumni. These teachers under the leadership of their state board have placed Kansas in the forefront in the field of vocational education.

A Word of Fifty Years Ago

Contributing to a KSAC radio program feature, W. H. Sikes of Leonardville wrote the following:

"We recall, as a member of the class of '79, happenings of that day. The west wing of Anderson hall was under construction. This was the first part of the main building to be erected. The surveying class set the stakes for the foundation. Contract for the stone work was given to Will and Ed Ulrich, the wood work to

dent Anderson was also prominent in connection with railroad legislation. Little did we realize 50 years ago that our school was destined to be the largest school of its class in the world.

"About 200 were in attendance at K. S. A. C. and our class of nine was a large one at that time."

The Philadelphians Meet

The winter season brings many happy Aggie alumni gatherings throughout the country. Marjorie Melchert Miller, '23, writes the alumni office that several Pennsylvania Aggies met at the Bookbinders restaurant, a historic landmark of Philadelphia, the evening of December 6.

"The group met and had dinner together after which a business meeting and impromptu program were held," Mrs. Miller says. "Reminiscences were exchanged along with accounts of activities since graduation. The following new officers were elected: president, E. F. Stalcup, '22; secretary-treasurer, Marjorie Melchert Miller, '23. It was decided to meet again January 29, probably in conjunction with the K. U. alumni.

"The following were in attendance: Mabel Anderson, '28; Hattie Betz, '23; Neva Betz, '24; Paul Fetz, '20, and Mrs. Fetz; L. E. Gaston, f. s.; Mrs. Maud Harris Gaston, '08; A. H. Ganshird, '15, and Mrs. Ganshird; Ernest F. Miller, '25; Marjorie Melchert Miller, '23; G. L. Marrs, '23, and Mrs. Marrs; John Rathbun, '16, and Charlotte Hall Rathbun, '17; R. W. Sherman, '24; Ernest F. Stalcup, '22.

"As far as I know, no one here was able to get the K. S. A. C. radio program, try as they might. There are too many eastern stations in our way. We were disappointed, needless to say, for I'm sure it would be a thrill worth having.

"Greetings and best wishes from Philadelphia Aggies."

Dickinson County Grads Meet

Twenty-one members of the Dickinson County Alumni association of K. S. A. C. enjoyed a dinner at the Presbyterian church in Solomon, December 11. Purple and white were effectively used in the table decorations. College songs were sung and

About Paying a Life Membership

What is the procedure to begin paying a life membership? Because of several such inquiries received at the alumni office the following explanation is made.

Life memberships represent a saving to the average alumnus in comparison with annual dues for a lifetime. Life memberships also offer a distinct opportunity for service to K. S. A. C. in that the entire amount paid to the alumni office is used in the student loan fund.

To begin paying on a life membership any of the three following plans, as copied from the application card furnished upon requests, may be used:

I, of the class of K. S. A. C. do hereby apply for life membership in the K. S. A. C. Alumni association. In consideration I promise to pay the following amounts when due:

1. ☐ \$50 on or before1, 192.....
 2. ☐ \$50 in 10 successive monthly instalments of \$5 each, beginning1, 192.....
 3. ☐ \$13.00 on or before1, 192.....
- 12.40 on or before June 1, 19.....
11.80 on or before June 1, 19.....
11.20 on or before June 1, 19.....
10.60 on or before June 1, 19.....

Jim Lynch—students in both cases. One reason they were awarded the contract was to show that industrial education was a success. Both of these firms continued in the building work and were quite successful. During the spring term in 1879 we had the pleasure of attending class in the new building. I assure you that to us it seemed a fine building, indeed.

"President Anderson was preparing to take his place in congress as representative from this, the fifth, district. We were all proud of John A. Anderson, our president at that time. A parliamentary drill club was organized in connection with one of our classes and President Anderson joined with us in order to better fit himself for the work in congress. It was my privilege to act as chairman during a part of the time, and recall that we had some exciting sessions. President Anderson acquired a reputation in congress of being a good parliamentarian, credit for much of which was no doubt due to his experience at K. S. A. C. Presi-

short talks given by Mrs. Marie (Senn) Heath, '90, Enterprise; Leon F. Montague, '25, and Arthur Becker, f. s., Solomon; C. A. Martin, f. s., Abilene, and Mrs. Ruth (Hubbard) Ballantyne, '28, Talmadge.

At a short business meeting the following officers were elected for the coming year: Adelaide (Seeds) Montague, '19, president; Reva Lyne, '28, secretary, and Willa Graff, f. s., treasurer.

Following the dinner the group spent the evening at the home of Mr. and Mrs. Montague.

Ernst Sells Insurance

Lyle Ernst, '23, is traveling insurance agent for the Central States Life Insurance Company with his territory in northeast Kansas. His address is Green, Kan.

And Alice Comes Home!

Alice Paddleford, '25, employed by the Periodical Publishing company of Grand Rapids, Mich., visited friends in Manhattan recently.

RECENT HAPPENINGS ON THE HILL

An all-freshman class party was held at the Manhattan Community house last Friday night.

The "Messiah" was presented Sunday night at the college auditorium by the Manhattan Choral union.

Members of the varsity football squad were guests at a dinner party given last week by Pi Beta Phi.

Ohio State day was observed by the Ohio club of K. S. A. C. with a dinner and radio party at the Hotel Wareham.

Teams of the Eurodelphian, Hamilton, Alpha Beta, and Franklin literary societies were victorious in the first round of the inter-society debate series.

Miss Florence Steel, pianist, and Frank W. Hill, violinist, appeared in joint recital at the college auditorium Sunday, December 9, as part of the faculty recital series.

The Women's athletic association won the silver vase offered for the best stunt by a women's organization in the recent Aggie Pop night program. Beta Theta Pi won the men's trophy.

A. Harry Crane of Topeka, editor of the recently founded "Jayhawk" magazine, described it as endeavoring to make Kansas "Kansas conscious" in speaking at journalism lecture last week.

Three prizes have been offered for a new name for the annual dance given by journalism students at the college, according to John Watson, Frankfort, manager. The dance will be March 22 at the Wareham hotel.

Dr. R. K. Nabours, head of the department of zoology; Dr. Minna E. Jewell, and Dr. J. E. Ackert will attend the annual convention of the American Association for the Advancement of Science, in New York City December 27 to January 4.

Dr. Margaret Chaney of the department of food economics and nutrition visited the state school for the deaf at Olathe recently, in connection with an experiment she is making concerning seasonal variation in growth of children at the school.

Recent initiates to membership in W. A. A. are as follows: Minnie Best, Manhattan; Rachel Lamprecht, Manhattan; Grace Morehouse, Irving; Alice Hill, Great Bend; Maxine Wickham, Manhattan; Zeda McCutcheon, Kingman; Leone Wilson, Wichita; Charlotte Samco, Canning; Edna Gill King, Manhattan; Elsie Popp, Haven; Jane Sparr, Ellsworth; Margaret Walker, Manhattan; Blanche Hemmer, Medicine Lodge; Tina Mae Bailey, Hutchinson.

Ad Man Visits Midwest

Maurice Laine, '22, on the staff of the Country Gentleman, with headquarters in Detroit, Mich., was a recent visitor in Manhattan. He is conducting a survey of automobile dealers in the middle west to determine the percentage of car owners in the rural districts.

Bolin Sees Old Friends

W. R. Bolin, '16, and Mrs. Bolin of Twin Falls, Ida., visited friends on the campus, December 13, while enroute to their former home in Coffey county. Mr. Bolin has been in extension work for the past three years at the University of Idaho.

Deibler Is Telephone Engineer

O. M. Deibler, '26, now district plant engineer for the long lines department of the American Telephone and Telegraph company at Kansas City, was a recent visitor at the college. His address is 1005 Telephone building, Kansas City.

H. A. Wright, '25, is in the advertising department of the J. I. Case Threshing Machine company, Racine, Wis.

GOOD TRACK MATERIAL FOR AGGIES LACKING

ONLY FOUR LETTERMEN BACK FOR COMPETITION

Coach Ward Haylett Asks Men With Ability to Report for Practice—Ten Meets Scheduled, Three Indoors

A serious dearth of good material faces Ward Haylett, new track coach at the Kansas State Agricultural college, in his first year with the Wildcat team. Only four letter men are available.

Returning "K" men are Captain Temple Winburn, De Kalb, Mo., a half miler and miler; H. S. Miller, Kansas City, Kan., miler and two miler; George Lyon, Manhattan, weights, and Kirk Ward, Elmdale, javelin. Ward is captain of the baseball team and can compete in only a few track meets. He will be used in the dashes during the indoor track season.

PROBABLE CANDIDATES

Upper classmen who are expected to work out for the team are as follows:

Weights—J. E. Smith, Woodward, Okla.; M. B. Pearson, Manhattan; W. J. Braun, Council Grove; C. G. Livingston, Hutchinson.

Hurdles—W. M. Holt, Augusta; J. H. Tregellas, Pratt; E. W. Smith, Russell. Pole vault—H. A. Dimmitt, Roswell, N. M.

High Jump—Otis Walker, Junction City, and Chet Roehman, White City. Dashes—A. D. Buckmaster, Manhattan, and A. D. Meyers, Haven.

Half mile, mile, and two mile—John Hoyne, Salina; T. H. Gile, Scandia; H. D. Richardson, Long Island; C. E. McIlvain, Smith Center; C. E. Nutter, Falls City, Neb.; K. L. Backus, Olathe.

Broad jump—H. L. Bagley, Manhattan.

NEEDS MORE MEN

Former high school track men now in college and not out for track are urged by Coach Haylett to report for practice.

Ten meets are on the schedule for the year, three indoor and seven outdoor, the only home meet being an outdoor affair with Kansas university March 4. The Nebraska-Kansas-Kansas Aggie triangular of the past three years is to be replaced by a Nebraska-Iowa State-Kansas Aggie meet.

The schedule:

Indoor

Feb. 9 or 16—K. C. A. C. at Kansas City.

March 1—Big Six in Kansas City. March 16—Illinois relays, Urbana.

Outdoor

April 12—Oklahoma at Norman. April 20—Kansas relays, Lawrence.

April 26-27—Drake relays, Des Moines.

March 4—Kansas at Manhattan. March 11—Ames, Nebraska, at Lincoln.

March 17-18—Big Six at Iowa State.

THESE SIX ATHLETES HAVE GOOD RECORDS

Grades, Work, and "K's" Their Achievements—Edwards Works Way, Has 9 Letters and "C" Average

To those who maintain that participation in major college athletic activities is ruinous to grade standings, the cases of half a dozen Kansas Aggie athletes are cited by Manhattanites. The half dozen were not selected from a grade roster, but were picked as unusual by a fellow student in search of a story.

Outstanding on the list is Marion "Micky" Evans of Gove, 143 pound quarterback on the varsity football team. Evans is playing his second year of football, and also was shortstop on the Missouri Valley championship baseball team last spring. He has a straight "B" average in his studies.

Though A. R. "Monk" Edwards of Fort Scott, senior in physical education, has only a straight "C" grade average, it was compiled under conditions that would have made the average athlete or non-athlete stop before starting. Edwards' days of competition are now over, but he holds nine varsity letters, three each in football, basketball, and baseball, and was for two years captain of the basketball team.

Edwards won honorable mention as a basketball guard his first year in college, a place on the second all-star team his second year, and a

place on the first team his third year. His athletics, however, aren't the half of the story. Edwards has paid for nearly every cent of his own college education, and has a record of never having been ineligible for competition in any sport, and of never having enrolled in a correspondence course to make college credits. He washed dishes, fired furnaces, waited tables, mopped out a local drug store every morning, sold advertising, and even wrung out clothes in an Aggieville laundry. Last summer he played professional baseball with Providence, R. I., and will return there next spring. This fall he is assistant coach of the freshman football team. Last year he was president of the "K" athletic fraternity.

Robert "Bob" McCullom of El Dorado, a junior in physical education and left fielder on the baseball team last spring, has a 2.2 point average, which is considerably above a "B" and places him as a potential candidate for membership in Phi Kappa Phi. McCullom also is working his way through school.

Wayne McCaslin, senior in general science and member of the wrestling team, likewise has a 2.2 average and is a Phi Kappa Phi possibility. McCaslin also is a member of a social fraternity, Tobasco—a dancing fraternity, the Wampus Cats, and of Scarab, honorary fraternity for senior men.

M. B. "Bert" Pearson, Manhattan, for three years center on the football team and also holder of a boxing letter, has a 1.1 scholastic average, or slightly above a "C." He is a lieutenant in the college R. O. T. C., and is active in his social fraternity, in the college Y. M. C. A., and in Scabbard and Blade.

L. E. Gann, Burden, a senior in general science, has an average that almost reaches the straight "B" class. He made his varsity basketball letter last year. He is a member of a social fraternity, and of Phi Delta Kappa, honorary educational fraternity.

A. H. "Hoxie" Freeman, tackle on the football team and winner of three major sports letters his sophomore year, has a straight "C" average. Moreover, his teammates have chosen him to captain the 1929 Wildcat eleven. He won football, basketball, and baseball letters last year, and worked in a downtown garage to get money for his college expenses. He is a member of a social fraternity.

GRAIN NOT ESSENTIAL IN WINTERING RATION

CALVES DID WELL ON TEST WITHOUT IT

Baby Beeves, Roughed Through on Alfalfa, Silage, and Cottonseed, Made Greater Profit Than Group Receiving Corn

An experiment completed at the Kansas agricultural experiment station in November suggests that an economical way to produce beef is to winter calves well on roughage, pasture them during the following summer until about August 1, and then full feed them for a short period, about 100 days, in the fall.

Two lots of calves with 10 head per lot were used in the tests with the principal difference in rations being the wintering rations. Both lots received cottonseed meal, alfalfa hay, and cane silage for the wintering ration and in addition lot 1 received an average of five pounds of corn daily. Lot 1 consumed on an average, 1 pound of cottonseed meal, 2.01 pounds of alfalfa hay and 18.75 pounds of cane silage per day. Lot 2 had an average of 1 pound of cottonseed meal, 2.01 pounds of alfalfa hay, and 24.3 pounds of cane silage daily.

CORN PRODUCED BIG GAINS

The calves averaged approximately 345 pounds each at the beginning of the experiment and after 135 days on the foregoing rations lot 1 had made a total gain per head of 284.83 pounds and lot 2 had gained 192.33 pounds or an average daily gain per head of 2.08 pounds and 1.4 pounds, respectively.

The feed cost during the winter for lot 1 was \$22.20 per head, for lot 2, \$13.82 per head. The calves were then grazed 90 days on grass, averaging after they went to pasture at the beginning of the period 630.5 pounds per head for lot 1 and 537 pounds per head for lot 2. The total gain per head on grass was 80.5 pounds for lot 1 and 119 pounds for lot 2, or a daily gain per head of .89 pounds and 1.32 pounds, respectively.

When the calves were put on full feed in a dry lot, August 1, those in group 1 averaged 711 pounds while those in group 2 averaged 637 pounds each. The average daily ration per head was, for lot 1, ground shelled corn, 15.14 pounds, cottonseed meal, 1 pound, alfalfa hay, 7.15

pounds; for lot 2, ground shelled corn, 15.03 pounds, cottonseed meal, 1 pound, and alfalfa hay, 7.17 pounds.

PROFIT FAVORED NON-GRAIN

The total gain per head for the 100-day period was, lot 1, 286 pounds; lot 2, 275.67 pounds. The steers were put on the Kansas City market November 20 and sold for \$15.65 per hundred. Those that received grain during the winter months weighed 955 pounds each and those that received no grain weighed 911. The calves wintered with grain brought \$149.46 per head and the non-grain calves brought \$142.57 or a difference of \$6.89 in favor of the grain fed calves.

However, a difference of \$8.38 in the feed costs during the wintering period must be charged against the grain fed lot, which shows a profit of \$1.49 less per head for the grain-fed animals.

ART

Oriental rugs, a display of gorgeously colored, intricately designed, and almost miraculously woven rugs from Asia Minor, are on exhibit in the architecture hall of the engineering building until Friday of this week.

The collection is an unusual one to be seen in this part of the country, according to Prof. John F. Helm, jr., who was instrumental in bringing the exhibit to this campus. It includes saddle bag tops and pieces which were probably made for wall or tent hangings as well as rugs. It contains representative work of a number of tribes, from southern nomads to northern Caucasians, and is composed of antiques, semi-antiques, and modern "orientals." "Antique" is the trade term for rugs more than 100 years old and "semi-antique" for those older than 50 years. There is a rare Persian Sehna Kurd in the group.

The rugs are from Dey Brothers, Syracuse, N. Y., whose buyer, Major Charles Jacobson, is recognized as an authority on oriental rugs.

One of the modern rugs is not treated and the other is chemically "aged." These afford reassuring promise of beauty to those who must content themselves with reproductions, and at the same time permit the layman to experiment in discerning originals. These modern rugs are in the floral design characteristic of Persian rugs and have the rose red and bright blues which many associate with "orientals."

The rare Sehna Kurd—"Kurd" refers to the tribe which made it and "Sehna" to the type of rug—has a modified floral pattern and a hazy violet sheen. The design shows through like tapestry on the wrong side. It is very closely woven.

A latch, or fish hook, design and colors that are grey blue or lavender red, according to the light and folds of the fabric, distinguish one of the three Hamadans. Yellowish greens and bronze make a Persian Bahtiarli delightful.

Two Caucasian Carabaughs in this collection are beautiful illustrations of the geometric designs which distinguish the work of the northern Asiatics from the floral patterns of the southern nomads and Persians. The black dye of the center background of one Carabaugh has shortened the wool so that the splendid geometric units of rich color rise like embossing. There is a bit of crudity to the shape of this one which gives it the charm and intimacy of handwork, which some of the more perfectly wrought ones lack.

One of the saddle bags is quite nomadic in feeling and its worn spots suggest that it may be the oldest piece in the group.

Although the rugs are brought here primarily for display, they may be purchased at relatively low prices, ranging from \$7.50 to \$250.

—L. H. N.

Flynn Leads Nurserymen

William Flynn, M. S. '26, was recently elected president of the Kansas Associated Garden clubs at the annual meeting of the State Horticultural society held in Topeka. Mr. Flynn is a prominent nurseryman at Hiawatha.

ART IN FICTION IS NOT AN ABSOLUTE QUALITY

ARTISTIC NOVELS, THEMSELVES, BEST DEFINITION

Professor Anna Sturmer Suggests the Intangible Character Lies in Combination of Intellectual and Emotional Appeal

Artistic novels, themselves, are the best, perhaps the only, "definition" of what is artistic fiction, according to Prof. Anna M. Sturmer who reviewed recent literary novels in recreation center Tuesday night.

Art is not absolute, she pointed out, and standards of art may vary with times and people, yet there are intangible constants which distinguished Jane Austin's and Hardy's novels and which may be discerned today in such fiction as "The Bridge of San Luis Rey," by Thornton Wilder, "Mrs. Dalloway," by Virginia Woolf, and Edith Wharton's "The Children."

A PRODUCT OF SENSES

Professor Sturmer did not presume to analyze this intangible quality which makes fiction art, further than to suggest that it might lie in a combination of the intellectual and emotional appeal of truth, which is governed by conscience and beauty which is determined by the senses.

In "The Children" Mrs. Wharton satirized society that accepts divorce on the basis of preference or profit, and portrays the pathos of the children who are thereby deprived of normal family life.

Perhaps the most interesting character in "Mrs. Dalloway" is the man whom Mrs. Dalloway did not marry, Miss Sturmer said. The character of Peter Walch is presented by a technique often referred to as the "stream of consciousness" method.

BUT ART IS INDIFFERENT

Thornton Wilder is essentially a romanticist, Miss Sturmer pointed out. His interest in the distant past, his presentation of the medieval church, and his pondering on the meaning of life indicate this.

"But, in the final analysis," quoted Miss Sturmer, "art cares little as to whether a writer is a realist, a romanticist, a classicist, or a naturalist. Realism will teach romantics to seek the truth, and if need be, romance will clear the muddy water of realism. The artist must see clearly and report faithfully."

THINKS PUBLIC WANTS MORE ARTISTIC DRAMA

Prof. C. W. Matthews Discusses American Art Theater in Series of English Reviews

"The American public is appreciating and demanding artistic drama," according to Prof. C. W. Matthews who discussed the American art theater in the second of a series of reviews of representative literature given by members of the English department faculty in recreation center.

"Although the commercial theater has sacrificed art to give the public what it wants," it seems that a considerable part of the public actually has more than mediocre taste," Professor Matthews considers this conclusion necessary to adequately explain the rise of the American art theater, the development of such organizations as the New York Theater guild, the Provincetown players, and Eva Le Gallienne's Civil Repertory theater, and the plays of Eugene O'Neill, Susan Glaspell, and Paul Green.

"Strange Interlude," the long, nine-act O'Neill play produced by the Theater guild, lacks the lyric quality and startling, fiery humor of the writer's earlier work, in Professor Matthews' opinion. Interest in the play may be partly explained by the novel technique whereby the characters say what they think while talking to each other.

"Field God" is not so fine as Paul Green's Pulitzer prize play, "In Abraham's Bosom," Professor Matthews believes. It is a local color drama of ignorant and bigoted Carolina people who attempt to stamp out the individualism of one man who is "different." Professor Matthews suggests that Paul Green may still be too much a part of his country to present the universality of its people, and so produce a really great play.

PROGRESS OF KANSAS PRESS

F. E. C.

To the Oakley Graphic mere personal items are "Town Tales Told On the Street."

T. H. McGill has leased his Utica Enterprise to Mrs. Esther Briggs and established the Homesteader at Healy, in Lane county. The new paper is a six-column folio with two pages of ready print.

The Richmond Enterprise has been purchased by L. M. Post of Colony. He recently sold the Greeley Advocate to J. S. Martin of Muscotah. J. R. McNabb is the former owner of the Richmond Enterprise.

Five sections, making 40 pages, compose the December 13 issue of the Kinsley Graphic, an annual holiday number. Ads—half pages, pages, and spreads—crowd the news, features, and historical sketches for space. The edition is a credit to the Lewises.

The Horton Headlight-Commercial of November 27 carried a full page advertisement by a Horton bank which probably was one of the most unusual bank ads ever carried in the state. The page endorsed the cow, the sow, and the hen for the community around Horton and the Headlight's editor gave the bank a front page story in observance of the occasion.

The forty-fourth anniversary of the Ness City News came in November. The News was established by the late J. K. Barnd and R. J. McFarland. The Barnd family has been connected with the News since its establishment, three sons having been in charge at various times. The

first number was a two page, five column paper but shortly after was enlarged to six columns. After a number of years it was changed to seven columns and has grown from only a few hundred circulation to over 1,900.

This is the way the Burlingame Enterprise-Chronicle explains its change to a cash-in-advance subscription system:

THE LITTLE PINK SLIP

Each month since the first of May last when, after an attempt to thoroughly explain why it was necessary, we adopted the cash-in-advance subscription system, there have been a few who either thought we were joking or object to what we deem to be a fair proposition and good business practice.

Do you get mad at your favorite daily or magazine when at the expiration of your subscription period and, failing to renew, the publishers stop sending it? Or do you say that it's only good business on their part?

The rule we have made we believe to be a fair one. Subscription to the Enterprise-Chronicle is dated from the first of the month only. With the last issue preceding the first of the month on which your subscription expires, a pink slip advising you of that fact is enclosed with the paper. On the first of the month following the expiration of your subscription, the paper is discontinued if we have not heard from you.

Both subscriber and publisher are protected under the cash-in-advance subscription system—the subscriber from having an account built up against him for something he doesn't want and the publisher from a loss of paper, ink, postage, etc.

Guessing as to whether or not the paper is wanted after the subscription term has expired has proved to be a very dear experience. Approximately \$2,500 in unpaid subscription accounts has been lost to us by sending the paper to those who we thought wanted it but apparently did not—at least not to the point of paying for it. We submit that you would not continue to do business that way.

And so, believing the rule to be just and fair, we are enforcing it in the same manner—strictly and impartially against all. If you can't agree with us on that basis—we're sorry.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, January 9, 1929

Number 14

LOW GAS TAX PAID BY KANSAS AUTO OWNERS

REGISTRATION FEES ABOUT EQUAL TO AVERAGE

Howe Compares Charges Against Motor Vehicles, Showing Citizens of This State Fare Better Than Those of Many Others

Kansas automobile owners fare well in the payment of taxes on their motor vehicles and in the gasoline taxes which they pay, a comparison of the situation in Kansas with that of other states by Prof. Harold Howe of the college agricultural economics department shows.

The registration fees for each of the 23,127,315 motor vehicles in the United States in 1927 averaged \$13.02. In comparison with this figure the average license tax for each automobile in Kansas was \$12.09 or just slightly less than the average for the entire country. However, the Kansas automobile owner holds a greater advantage over his neighbor of other states in the amount of gasoline taxes paid. The average for each motor vehicle for the country at large was \$11.19 in 1927. In Kansas the average was \$9.15. That is with a 2 cent tax, Howe points out.

GAS TAX TREND IS UPWARD

Kansas ranks toward the bottom of the list of states in the amount of gas tax charged to its citizens. The gasoline tax was introduced for the first time in Oregon in 1919 and has spread until now, nine years later, 46 states and the District of Columbia have in some form or another a tax on gasoline sales. New York and Illinois are the two states that do not have a gasoline tax. Illinois adopted a 2 cent tax in 1927 but it was held unconstitutional. New York is therefore the only state that has never adopted a gasoline tax.

The trend of the gas tax rate has been decidedly upward, Professor Howe explains further. Early taxes were for the most part at the rate of 1 cent per gallon of sales. Now no state has a tax as low as 1 cent. Although there have been revisions upward in the gasoline tax rate in the majority of states there has never been an instance of a rate being reduced in any state.

CANADA USES GAS TAX

Six states now have a 5 cent tax, 12 states have a 4 cent tax, one state a 3½ cent tax, 14 states a 3 cent tax, and 13 states and the District of Columbia a 2 cent tax. The gasoline tax is also used in Canada, four provinces having a 5 cent tax and five provinces a 3 cent tax.

A summary of these data shows that in 33 states motor vehicle owners pay a higher gasoline tax than Kansas, in 12 states they pay the same tax, and in only 2 states—the states without a gasoline tax—do they pay less. The average rate of the gasoline tax throughout the United States is now 3.23 cents per gallon.

KANSAS FARM PEOPLE WANT COLLEGE SERVICE

President Illustrates Demand by Reference to Shawnee County Meetings During Last Biennium

The extent to which Kansas farm people are interested in educational services of the Kansas State Agricultural college has been illustrated by President F. D. Farrell in his current biennial report by a reference to Shawnee county farm people. During the two-year period an aggregate of 252,973 attended various subject matter meetings held on 409 different days.

"The figures on attendance, of course, include many duplications because many people attend more than one type of meeting," the agricultural college head explains. "The figures show something of the comparative degree of interest manifest-

ed in each type of subject matter, although they should be interpreted carefully for the reason that some types of subject matter necessarily appeal to comparatively few people."

The figures referred to show that in the aggregate, 23,985 people attended agronomy meetings during the two-year period. Slightly more than 30,000 attended rodent control meetings, 92,844 attended marketing meetings held on 18 different occasions, 43,567 people attended meetings for the discussion of foods and nutrition, 35,000 attended home health and sanitation meetings, and practically 11,000 were in attendance at clothing meetings held on 64 different days.

MILLER LAUDS KANSAS EXPERIMENTAL MILL

Late L. E. Moses Writes Article Calling Attention to Foresight of Agricultural College

The value placed on experimental milling work by persons in the industry is indicated in an article in the Southwestern Miller of recent date. The article was written by L. E. Moses, who, until his death in December, was president of the Southwestern Millers league.

"The milling of flour is mechanical, but the betterment of that milling and the increased value of the products of wheat after milled is due to scientific research," the milling authority wrote, "and in this respect we believe that our splendid state agricultural colleges, particularly that of Kansas, have done more toward developing the scientific research of better milling than any other institutions in the world."

"We give honor to those splendid agricultural colleges of Oklahoma, Nebraska, Kansas, Colorado, and Missouri for their research work in plant life and their continued efforts in promoting better grades and better yields to insure profitable returns for the growers of wheat. But to Kansas must be given the honor for the foresight of its agricultural college in equipping and maintaining an experimental flour mill as a part of its educational work for the benefit of this principal industry of the state."

MOXLEY STARTS BETTER BEEF CATTLE SCHOOLS

George Montgomery, Dr. J. W. Lumb, and Prof. E. G. Kelly Cooperate

A series of better beef cattle schools was instituted this week at Emporia and El Dorado under the supervision of J. J. Moxley, extension animal husbandman of the college. The meetings are a part of a five year program for improving the beef cattle industry of the state.

Cooperating with Mr. Moxley in holding the two-day beef schools are George Montgomery, instructor in agricultural economics; Dr. J. W. Lumb, of the division of veterinary medicine; and E. G. Kelly, extension entomologist. The meetings will be held in 24 counties during January and succeeding months.

Rogers to New Office

Prof. C. E. Rogers, head of the department of industrial journalism and printing, was elected secretary-treasurer of the American Association of Schools and Departments of Journalism, at the recent meet of the association at Ann Arbor, Mich. The association includes the 21 accredited journalism schools and departments of the United States.

White Develops Industry

Ivan A. White, '20, and Helen (Mitchell) White, '18, and three children of Edinburg, Tex., visited the alumni office while in Manhattan recently. Mr. White is engaged in development of the grape industry in the Rio Grande valley. He is a director of the Redland Vineyard company.

WILLARD LECTURES ON 'SCIENTIFIC APPROACH'

DEAN ADDRESSES CONTEMPORARY THOUGHT CLASS

'Most Fundamental Feature Is Idle Curiosity; an Interest in Under- standing Something On Its Own Account'

"Science is content to deal with things as they seem to be," said J. T. Willard, dean of the division of general science, in a lecture "The Scientific Approach to Life" given to the contemporary thought class Saturday morning. Continuing he said, "It concedes at once, to the philosopher his assertion that science is not ultimate, that everything that he asserts that he knows about nature is really an interpretation of sensations in himself."

Dean Willard illustrated his meaning of scientific approach by asking his audience to imagine a man devoid of any scientific knowledge and deprived of everything that depends on such knowledge. He is a member of a clan no member of which has any more knowledge than himself. The progress of this clan would be in accordance with the scientific approach and would depend on only two things, observation and moving things.

"The most fundamental feature of the scientific approach is idle curiosity. That, as I take it, is an interest in observing or understanding something on its own account, with no thought to utilizing it in any other way," said Dean Willard. Faraday's experiment with electricity, through the use of a magnet drawn through a closed conducting current was used as an illustration.

FOUR TYPES OF THINKING

The progress of mankind up through the ages has depended very largely upon the extent to which it has been held that for everything there is a cause. Four types of thinking may be distinguished roughly, according to Dean Willard. They are first, the "after this, therefore on account of this" reasoning of the mass of mankind lacking education and special training. Second is the type controlled by the emotions which is, if anything, less reliable than the first method. It leads on only to more emotions and not to scientific conclusions. The third type is that of philosophy about which Dean Willard says, "While I am incompetent to discuss its methods and results I notice that the philosophers do not agree. I believe that it is because they are dealing with the unknowable. They are attempting to interpret by their finite minds a universe that is infinite in duration, magnitude and complexity."

FOURTH TYPE SCIENTIFIC

The fourth type of thinking is the scientific, of which observation is the first step. This in turn leads to speculation concerning its cause and characteristics, experimentation being the second and chief step. However, experimentation is guided by the use of one's imagination. Through former knowledge of the field and reactions already made, one is able to predict what will happen. When these predictions are verified the fourth step is completed.

That the discovery of new facts does not invalidate old ones, was stressed by Dean Willard, who said that the predictive power of science, based on the validity of its theories, is probably the strongest evidence of a connection of the theories with the realities of an objective universe.

2,000 000 JACKRABBITS FOR SALE BY KANSAS FARMERS

Oman Says State Can Spare Them at a Profit

At least 2,000,000 of the 4,000,000 jackrabbits in western Kansas could well be killed off this winter for pelting, according to A. E. Oman,

state leader of rodent control for the United States biological survey. Figuring the pelts at 12 to 18 cents each, western Kansas would be approximately \$300,000 to the good to say nothing of the losses in damaged crops avoided.

Eight or 10 jackrabbits consume as much feed as one sheep, according to the rodent specialist, which shows that the amount of feed annually eaten by 2,000,000 of the pests would be sufficient to maintain more than 200,000 sheep.

MASTER HOMEMAKERS TO BE HONORED AGAIN

College and the Farmer's Wife Will Co- operate in Choosing Five Out- standing Rural Women

Five Kansas farm women, who like thousands of others have gone about their daily tasks for many years without thought of public honor, are to be accorded the recognition of a state here during Farm and Home week when they are honored as Master Farm Homemakers.

Awarding the new titles and their accompanying gold insignia is sponsored by the Farmer's Wife, national farm women's magazine, with the cooperation of the extension division of Kansas State Agricultural college, and will occur as a feature of Farm and Home week, February 5-8.

The Kansas recognition is part of a national movement designed to honor the farm woman and to recognize her contribution to national life. There will be similar events in 21 states this year and more than 100 rural women will be honored. This is the second event of its kind in Kansas.

Fifty-one outstanding homemakers, representing all parts of the state, were nominated by their neighbors for the Master Farm Homemaker title. From them a judging committee, named by Miss May Miles, assistant home demonstration agent, is selecting the five to be honored. The judges will base their decision on answers the candidates have written to more than 500 questions concerning their homemaking methods, and on personal information.

The questions are classified under five headings: the home plant; health of the family; management of time, energy, and income; family relationships, social development, and child training; and community activities.

MACHINE SHED SAVES HEAVY DEPRECIATION

Farmer Pays for Implement House Whether He Has One or Not, Says Extension Engineer

The best farm machine shed, according to John S. Glass, extension agricultural engineer of the college, is one that will keep the machinery dry. Implements should be housed principally to prevent their becoming wet and rusting. This virtually eliminates the open shed because rain and snow easily blow into the open protection.

Glass points out that 15 per cent of the value of the machinery to be housed will pay for adequate shed for housing. Since Kansas farmers are using \$115,000,000 worth of farm implements they can well afford to protect such an investment. More than 20,000 combine harvesters were used on the Kansas wheat crop of 1928. A tractor is in use for every 532 acres of crop land in the state. Nearly 30,000 manure spreaders, 15,000 gas engines, and 100,000 cream separators are in use on Kansas farms.

With this large investment in farm implements the Kansas farmer pays for the machine shed every five years whether he has the shed or not, the extension agricultural engineer figures. The implement house not only cuts the depreciation on farm equipment but reduces repair bills and eliminates loss of time when the implements are in use.

RURAL ENGINEERS DO STATE REAL SERVICE

COLLEGE HELPS IN 14,453 IN- STANCES IN 1927

But Work Is Greatly Hindered by Lack of Adequate Housing Facilities on K. S. A. C. Campus—Need New Buildings

In 1927 agricultural engineers of the college supplied 3,406 blue prints for farm buildings, distributed 4,082 bulletins, provided information on the construction of 940 portable brooder houses and 1,078 poultry houses, helped plan 16 farmsteads, and helped to prevent soil erosion on 1,016 farms, according to data taken from a booklet recently printed by the agricultural engineering department to show its principal equipment needs.

In addition, the college agricultural engineers furnished plans for the construction of 54 rural dwellings, 63 sewerage disposal systems, 22 water systems, and 7 farm lighting systems. In the aggregate these individual services amount to 14,452 for the year 1927 as compared to 6,219 for the year 1923, indicating that services performed by the department have more than doubled within a period of four years.

ASKS A NEW BUILDING

The greatest need of the agricultural engineering department is for a new building, reasons for which are presented in the booklet prepared by Prof. F. C. Fenton, head of the department.

The present quarters of the agricultural engineering department are inadequate for instruction and research because they are widely separated. Three offices are maintained in the engineering hall. Tractors and other machinery are housed in the old army barracks which are dirty, poorly lighted, and poorly heated. Other farm machinery, including gasoline engines and lighting and water systems, are stored in the old farm machinery building which was condemned several years ago.

With inadequate equipment and under crowded conditions it is difficult to maintain high standards of student work, the booklet points out. The barracks which are used for student laboratories are in a run down condition because they have not been worth repairing for several years. These same conditions retard agricultural engineering research which is one of the chief functions of the agricultural engineering department.

HOW ENGINEERS SERVE

The bulletin points out in another way how agricultural engineering has improved Kansas farming methods:

Through the use of improved machinery and methods, the cost of harvesting and threshing wheat has been reduced by one-half.

By using the better machinery available today, a Kansas farmer can grow three times as much wheat as he could in 1910, even though no increase in yield per acre is figured.

The use of labor saving machinery has increased the productive capacity of the farm worker and thereby raised the standard of living.

The attractiveness, as well as the health and comfort of farm life, has been improved by the installation of lighting, heating, and water supply systems.

The productive capacity of the state of Kansas has been greatly increased by drainage and irrigation.

Better planning, arrangement and construction of farm buildings has brought greater efficiency, convenience, and durability.

The soil erosion problem is being solved in many parts of Kansas.

The electrification of Kansas farms has been materially hastened by agricultural engineering work during the last four years.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT.....Editor-in-Chief
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WANGER, R. I. THACKREY... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.



WEDNESDAY, JANUARY 9, 1929

DETHRONE McGUFFY!

"Up, up!" "To work! To work! Do your duty, little man." So the McGuffy readers goaded the youth of the middle west a generation ago. If we ourselves didn't learn McGuffy's principles by the rule of the hickory stick in the little red school house, our parents, who did, passed on to us their almost righteous fear of idleness. "Up, up! Work! Work!" rings in our subconscious ears until leisure seems unworthy, if not sinful.

The very real distinction between idleness and leisure is not always made. Leisure is devoid of pressure. It implies contemplation, musing, time for letting the mind wander as it will until gradually, smoothly, certain significances become clear and we see our work and the world's work from an understanding perspective.

Leisure breeds culture. Charles Beard, eminent historian contends, in a recent article in the "Saturday Review of Literature," that no culture has ever come out of agriculture, no art from those who till the soil. He implies that lack of leisure in rural life does not permit it.

No doubt leisure would have ruined our predecessors in their struggle for mere existence. But we have more time than they. The economic life isn't so all absorbing now. However, we are perhaps held back from indulging in leisure and acquiring a culture by the attitudes, or biases inherited from the era in which they were socially valuable. Perhaps it is time to make Work a little less virtuous. Or is the McGuffy in us too strong?

THE COUNTRY TOWN WANING?

It is interesting that the man who made the country town famous should be one of the first to note its passing. And rather remarkable that instead of mourning that its day is done he should hasten in the new era.

Ed Howe, author of "The Story of a Country Town," and several associates bought the Fall City (Neb.) Journal the other day. It is alleged—to use the cautious terminology of which his profession is fond—that Mr. Howe is thus starting a chain of country weeklies.

A number of editors have tried this project before, though they may not have thought of it as a chain. But whereas the public may have "fallen for" the chain store idea, the country public has, in most instances, refused to give up ye old time ed. The editor fills the weekly's columns with his personality. He is as essential to the citizenry of the town as the mayor or school board. And the community wants one of these public spirited creatures for its very own, no sharing with a rival town, no indeed.

Yet in spite of these possessive claims on ye ed, small towns have failed to support him with advertising. They may not want impersonal journalism dealt out through even a baby syndicate, but the fact is that they can't afford the luxury of the old fashioned editor much longer. For the country town as a little colorful world unto itself is vanishing.

Some hamlets are being literally rubbed off the map, notably the ones the highway passed by. They face the fate of the now almost forgotten "New Eureka" which the railroads missed in the earlier day. Many small towns that are on the highways watch customers speed through on surfaced roads to the gayeties and educational advantages of city life. These towns may retain their present physical appearance but one feels that in commercial matters as well as social ones they are becoming branches of city organizations—links in a chain whose knot is tied in some formal small town now rapidly assuming urban proportions.

So capitalism is invading rural America with a vengeance. And the self sufficient and satisfied country town as we have known, loved, and chastised it, seems to be passing into literature and history in the wake of the buffalo and prairie schooner.

DRAMA

The Theater Guild Repertory company presented Shaw's play, "The Doctor's Dilemma," in the college auditorium on Monday evening, January 7. The presentation was a notable achievement. The success of the production was due to three things: Excellent interpretation of their parts by all members of the cast; appropriate and beautiful settings; and the choice of an interesting and clever play.

"The Doctor's Dilemma" is not Shaw's most significant contribution to the modern theater. In its more than 20 years of history it has not lost its effectiveness. But some of its force as a protest has been dissipated. To a generation which has forgotten little Nell and refuses to weep at the bedside of Eva, its transposed parallelism is not so startling. But aside from the satire, Shaw's other devices are always good drama.

In this case the cleverness of the play was enhanced by clear, harmonious, and even brilliant acting; and by stage settings which made the auditorium seem like a theater.

Miss Elizabeth Risdon as Jennifer Dubeat was vital and convincing. The changing inflections of her voice added to the emotional appeal of her lines. Mr. Edwin Maxwell portrayed excellently the Babbitt-like and exuberant Sir Ralph Bloomfield Bonington. Mr. Warburton Gamble entered fully into the part of the skeptical and almost disillusioned Sir Colenso Ridgeon. Mr. Brandon Evans showed more praiseworthy restraint in his character of the commonsense, ancient-mariner figure of Sir Patrick Cullen, than Shaw did in introducing the character. Mr. Neal Caldwell played the unmoral, bohemian artist with fine feeling for the unity of the play as a whole. In regard to this part the audience must feel toward Dubeat as the other characters in the play do. Too much or too little sympathy would be fatal. To get away with the death-bed scene as Mr. Caldwell did, is splendid acting. Mr. Alan Mobray as Cutler Wampole, was most effective. He never forgot his sense of superiority as a surgeon, to the other doctors, who were mere physicians. Perhaps the chief virtue possible to the other actors was the way in which they revealed by their acting their feeling for the play as a whole.

To see a play sponsored by the Theater Guild is to enjoy a production of artistic merit artistically presented.

—Robert Conover.

FINAL TRUTH BELONGS TO HEAVEN

I mentioned a moment ago three defects in common beliefs, namely, that they are cocksure, vague, and self-contradictory. It is the business of philosophy to correct these defects so far as it can, without throwing over knowledge altogether. To be a good philosopher, a man must have a strong desire to know, combined with great caution in believing that he knows; he must also have logical acumen and the habit of exact thinking. All these, of course, are a matter of degree. Vagueness, in particular, belongs, in some degree, to all human thinking; we can diminish it indefinitely, but we can never abolish it wholly. Philosophy, accordingly, is a continuing activity, not something in which we can

achieve final perfection once for all. In this respect, philosophy has suffered from its association with theology. Theological dogmas are fixed, and are regarded by the orthodox as incapable of improvement. Philosophers have too often tried to produce similarly final systems; they have not been content with the gradual approximations that satisfied men of science. In this they seem to me to have been mistaken. Philosophy should be piecemeal and provisional like science; final truth belongs to heaven, not to this world. —From "Philosophy" by Bertrand Russell.

been promoted and given a raise in salary.

FORTY YEARS AGO

J. U. Higinbotham, '86, entered into partnership with H. Mansfield, Jr., for the practice of law at Lincoln, Neb.

Lieutenant Albert Todd, '72, visited college friends after which he returned to his station at the Presidio in San Francisco. He was accompanied by Mrs. Todd.

FIFTY YEARS AGO

Noble Prentiss addressed students

K. S. A. C. Trains for 400 Occupations

The Thirty-Second Biennial Report of the Kansas State Agricultural College

One hundred years ago, when virtually all the students in a college studied the same subjects, it would have been unnecessary for a college with an annual enrollment of 4,000 students to offer more than a small fraction of the number of courses that this college now offers. But nowadays it is not at all unusual for a large number of subjects to be offered. Indeed, in a technological college it is absolutely necessary if the legitimate demands of the students are to be met. During each of the two years in the past biennium 89 per cent of the subjects offered were actually taught. The figure indicates something of the demand for varied and specialized instruction.

This college offers technical training for about 400 occupations, about 150 of them in agriculture and related fields, and the remainder in home economics, engineering, veterinary medicine, and general science. The student who wishes to prepare himself to operate a creamery must study certain technical subjects that are different from those studied by a student who expects to edit farm papers or one who is planning to be a civil engineer, an architect, a flour mill engineer, a home-maker, a serum manufacturer, a florist, a plant breeder, a rural banker, a producer of purebred cattle, or a seed grower.

There are certain basic subjects, like college rhetoric and inorganic chemistry, that are studied by virtually all students in the college. But there are more than 900 other subjects, like meat inspection, acoustics, and food analysis, each of which is studied only by a small group of students. A great multiplicity of subjects must be offered by any large technological school that is concerned, as this college is, with such extensive and varied fields of human activity as agriculture, the industries, the industrial sciences, and the home. For this reason as the college has grown in usefulness the number of courses has increased in response to the ever-increasing demand for specialized training to supplement training in the basic subjects. The increase in the number of subjects offered has been 48 per cent in the past 10 years. The number of subjects that include laboratory work has increased 59 per cent in the same period. These necessary increases, especially in subjects that include laboratory work, involve increases in expenditures for equipment, materials, and teaching personnel.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Aggie football men named for the honor roll were Huston, Jolley, Bogue, Gallagher, and Hixson.

Rose Baker, '17, resigned her work in Tulsa, Okla., to accept a position as cafeteria director at Washburn college.

Elva Akin, '05, spent the holidays with her parents, Mr. and Mrs. V. V. Akin. She was employed in the extension department at Iowa State college.

TWENTY YEARS AGO

J. B. Dorman, '96, and Helen Van Allen Knight were married. They were at home at 149 Wardwell avenue, West New Brighton, Staten Island, N. Y.

The thirty-eighth annual meeting of the Kansas state board of agriculture was held January 13, 14, and 15 at Topeka. Among those on the program were Prof. Albert Dickens and Mrs. Nellie Kedzie Jones.

THIRTY YEARS AGO

Prof. O. P. Hood, formerly of the college, had an illustrated article, "A Reciprocating Dynamometer," in Machinery.

Con M. Buck, '96, wrote from Topeka, where he was employed in the department of civil engineering of the Santa Fe railroad, that he had

at the Presbyterian church on the subject, "Funny Americans."

A catalogue of improved Berkshires representing the principal families composing the college herd was printed.

Students in the mechanical department made two large walnut desks, two extension tables, two safes, a piano stool, a pulpit stand, and several fancy goblets.

HOW TO GET A "GOOD PRESS"

If, for instance, your son has eloped with Arline Joy of the Follies it is, perhaps, just as well to admit the mesalliance frankly. Undoubtedly your unwelcome callers have already been to the city hall and have examined the file of marriage licenses. The reporter will not be dissuaded by warnings that you are a big advertiser, and that the owner of his paper is a friend of yours, or by the offer of a bribe. But there is an outside chance that he can be deceived by a beaming statement that the marriage is one which delights you, that Miss Joy is a graduate of Smith college doing work in the chorus in preparation for grand opera. Thus suppress your real feelings and next morning, it is probable, the headlines will be "PROMINENT GIRL WEDS COLLEGE YOUTH PRIMA DONNA" instead of "SCION AND CHORINE ELOPE; FLEE PARENTAL WRATH." —Henry F. Pringle in the North American Review.

MARCH MOON

From "The Weary Blues," by Langston Hughes

The moon is naked.
The wind has undressed the moon.
The wind has blown all the cloud-garments
Off the body of the moon
And now she's naked,
Stark naked.

But why don't you blush,
O shameless moon?
Don't you know
It isn't nice to be naked?

SUNFLOWERS

H. W. D.

PRE-VIEW

The experts seem to have it all doped out that 1929 is going to be another prosperous year, with high winds in March, plenty of heat during the middle of the summer, and a lot of football surprises in the fall.

Which is all just about what it should be. This prosperity we have been having is not, of course, all that might be hoped for; but it is considerably better than none. It hasn't begun to percolate through hoi polloi very much as yet, but it seems to have affected the barons of industry and many of the natural-born millionaires.

There are some forty thousand millionaires in the country, it is said. Not all of them have as yet caught prosperity, but the stragglers are expected to come down with it any day now. Just to make the figures come out even, we'll say that the whole forty thousand are, in a way, either openly or incipiently prosperous.

That leaves only 119,960,000 citizens of our states to question our right to be called a prosperous commonwealth, and that is hardly enough to make a good case for the contention.

There are people who stubbornly insist that a country should not be called prosperous until there is what they call a more equitable distribution of wealth, but their reasoning is always so involved and endless that it is hard to follow. The manner of the president of a motor merger or that of a successful politician is much more to our liking. He simply states that everything points to a continuation of the present wholesome condition of unprecedented prosperity and admits that under the circumstances there is no indication of anything else.

In other words, if all indications point in one direction, there is no indication pointing in any other direction. The logic is good, the tone is pleasing, and there is an air of optimism and good cheer about his statement of the situation that pleases us far more than the figures and the instances that people on the other side are always trying to drag in.

And we, for one, are not willing to admit that the general run of citizens are not more or less prosperous. Almost everybody has a car of some sort or other and expects to pay for it if he lives. Of course, this means that he'll have to stall off the grocery man and the clothier and other business men, but what else can they expect?

Then the idea of having high winds in March is also a pretty good one. This is a big country with lots of room for all kinds of wind, and March has 31 days. And it's certainly a poor summer that can't furnish plenty of heat. Of course we may get cheated out of the football surprises next fall, but you can't expect an expert to hit a nail on the head every time.

Taken all in all, it looks as if the expert prognosticators have done a smooth, conservative job on 1929. All but 2,999 people out of every 3,000 will be a millionaire, March will be more or less tempestuous, Kansas and Texas will run a temperature in the summer, and many football teams will lose games they expect to win.

Seamen have a custom, when they meet a whale, to fling him out an empty tub by way of amusement, to divert him from laying violent hands upon the ship. —Swift.

Alvin W. Hamilton, '27, was a holiday visitor at the college. He is with the Commonwealth Edison company. His address is 1546 N. La Salle street, Chicago.

ENGINEERS ASK STATE FOR REGISTRATION ACT

'TEETH' IN BILL WHICH GOES TO STATE LEGISLATURE

Requirements Similar to Those of Medicine or Law are Contained in Proposal Designed to Bar Incompetent

Barring of incompetent persons from the practice of the profession of engineering is the object of a bill which will be presented before the coming session of the Kansas legislature, under the sponsorship of the Kansas Engineering society.

Preparation and presentation of the act is under direction of the executive committee of the society, of which Professors L. E. Conrad and C. H. Scholer of K. S. A. C. are members.

The act calls for the formation of a board of five registered professional engineers, each of whom shall have been three years a resident of the state; ten years in actual practice, and for three years in charge of engineering work as principal or assistant. Members of the board must also be members of a recognized state or national engineering society.

Those receiving a certificate from the board, as professional engineers, must have attained the age of 26 years; be of good character; speak, read, and write the English language; have had eight years in professional experience. A \$25 registration fee is required.

SCHOOL STUDY COUNTS

A year's study of engineering in a satisfactory school or college will count as a year of professional experience, provided, however, that not more than four such years of study be counted.

Graduate work, or work in the teaching of engineering, may be counted toward the eight-year requirement.

A corporation may obtain a permit for the practice of engineering, provided all plans and specifications are under the direction and subject to the approval of one or more registered professional engineers.

Revocation of a certificate may take place on account of fraud or deceit in obtaining such certificate or because of negligence, incompetence, or misconduct. Appeal to court can be taken from the decision of the board.

Under the act all political subdivisions of the state will be prohibited from engaging in the construction of any public work involving engineering, unless the plans, specifications, and estimates are approved by a registered engineer. Such approval would not be required on projects costing less than \$2,000.

WILL COMPILE ROSTER

A complete roster of professional engineers will be placed on file by each county and city clerk of the state, and each engineer will be supplied with a seal, with which he must stamp all work made or issued by him.

Reciprocity in the granting of certificates, with other states having equally strict requirements, is planned under the terms of the act.

"The state society as a whole is in favor of the bill," said Professor Conrad. "More than 20 states have registration laws for engineers, as for doctors and lawyers, and the number is increasing each year."

A fine of not less than \$100 or more than \$500, and a maximum jail sentence of three months, or both, are provided as penalties for infringement of the act.

The executive committee of the Kansas Engineering society will meet in Wichita January 17, 18, and 19. Prof. Ernest Boyce of the University of Kansas is president of the committee; C. V. Cessna of Wichita, vice-president; J. M. Averill of Topeka, secretary-treasurer. Professors A. H. Sluss of the University of Kansas and W. A. Schuster of the Kansas Teachers' college of Pittsburg are other members, in addition to Professors Conrad and Scholer.

L. S. Farrell Visits K. S. A. C.

L. S. Farrell, '28, with the state board of health at Minneapolis, Minn., visited the campus during the holidays and brought news of alumni in Minnesota.

Basketball Schedule and Scores

Dec. 21—Kan. Wesleyan, 20; Aggies, 21.
Jan. 7—St. Louis U., 39; Aggies, 22.
Jan. 8—Washington U., 29; Aggies, 30.
Jan. 11—Iowa State, Ames.
Jan. 12—Creighton, Omaha.
Jan. 15—Oklahoma U., Manhattan.
Jan. 19—Missouri U., Columbia.
Jan. 24—Nebraska U., Manhattan.
Feb. 2—Kansas U., Lawrence.
Feb. 9—Missouri U., Manhattan.
Feb. 13—Okla. A. & M., Manhattan.
Feb. 16—Iowa State, Manhattan.
Feb. 23—Oklahoma, Norman.
Feb. 25—Okla. A. & M., Stillwater.
Mar. 2—Nebraska U., Lincoln.
Mar. 5—Kansas U., Lawrence.

COLLEGE PLANS VARIED FARM-HOME PROGRAM

Arranges Meetings On Four Day Scheme With Many Sessions for Women Visitors

Varied educational features and entertainment will be provided for visitors to the annual Farm and Home week meetings to be held at the college February 5, 6, 7, and 8, according to L. C. Williams who is arranging the four days educational program.

The first day will be devoted to the poultry industry, the second to problems of dairying, the third to other branches of the livestock industry, and the last day will be agronomy and agricultural engineering day. Special programs will be arranged for farm women visitors including singing, recreation, and attention to problems of the home and child rearing. There will be other programs for special groups.

Five women will be recognized as Master Farm Homemakers of the state, the second year such recognition has been made. Wheat and corn champions also are to be named and honored.

Stewart Comes Home

George Stewart, '27, agronomist of the Utah Agricultural college, visited college agronomists recently. Stewart is on his way home from New York where he attended meetings of the Society for the Advancement of Science.

'IRRIGATION LAW MAY HARM MIDDLEWEST'

FARRELL FEARS COMPETITION WILL BE AGGRAVATED

Boulder Canyon Project Act Opens Way for Colorado Basin States to Compete With Plains Area, President Warns

If the recent passage by congress of the Boulder Canyon Project act is followed by agricultural and economic developments similar to those which followed the enactment of the Reclamation law of June 17, 1902, and unless some preventive action is taken, important groups of farmers in the middle west probably will be affected more adversely than they already have been by irrigation development, President F. D. Farrell of the college declared in a recent statement.

NO SUBSIDY FOR MIDDLEWEST

"Since the Reclamation act of 1902 became operative the agricultural production for which the act provides frequently has been embarrassing to producers in the middle west," the president explained. "Under the act, the government, in effect, subsidizes the production on reclamation projects of certain important commodities which enter into competition with the same commodities produced in middlewestern states where farmers operate without subsidy. This has been a factor in bringing about excess agricultural production and serious price depressions.

"The recurring difficulties have been specially acute for producers of potatoes and apples, both of which commodities are produced in large quantities on government-subsidized irrigation projects in Idaho, Washington, and other western states. Somewhat similar competition often involves meat and dairy products. The competition injures farmers in both regions.

"The Boulder Canyon Project act provides for the construction of storage facilities for 'not less than 20,

000,000 acre-feet of water.' This is enough to cover 20,000,000 acres of land to a depth of one foot. The availability of this enormous quantity of water in states having large areas of unused irrigable land seems certain to result in greatly increased agricultural production in the seven states of the Colorado basin. If in the future as in the past the irrigation farmers in those states depend largely upon crops already grown in the middle west, the competition with middlewestern farmers will be intensified.

NEED NON-COMPETING CROPS

"Much of the land to be irrigated from the Colorado river, especially in Arizona and California, is capable of producing commodities that do not compete with middlewestern products. These commodities include several that already are grown on a small scale in the two states named. One of them is dates, of which we produce something like 1,000,000 pounds and import about 80,000,000 pounds annually. A number of other semi-tropical products of which we import considerable quantities are produced on a small scale. The production of more of these commodities and less of alfalfa, dairy products, meat, and other competing products should be helpful both to the irrigated sections and to the middle west. Other possibilities include certain drug plants, certain oil bearing plants, and rubber.

"The establishment of industries to supply these non-competing commodities would be difficult. It would require a vast quantity of scientific, exploratory, and educational work and the vigorous support of commercial agencies. But the effort would be fully justified from the standpoint of the two regions mentioned and of the country as a whole. Unless some such program is developed the economically unjustified competition between middle west and far west seems in a fair way to be aggravated as the unused lands of the Colorado basin are reclaimed and brought into production."

MATMEN LOSE FIRST MEET ON INVASION OF INDIANA

Hoosiers Win Five of Eight Matches Score 15-11

The Kansas Aggie wrestling team lost its first match of the season to Indiana university of the Western conference last Saturday night, 11 to 15. The Aggies won two decisions and a fall, and Indiana five decisions.

On Monday night the Wildcats swamped the Purdue university team, 24 to 6, thus making a success of their invasion. Results of each match of the Purdue meet will appear in next week's INDUSTRIALIST.

The first home meet of the season will be against the Kansas Teachers of Pittsburg, Saturday night, January 12.

The Indiana meet summary:

115 pound class—Raymond Patterson, Morrowville, defeated Wylie, Ind.; time advantage 3:25.
125 pound class—Connolly, Ind., defeated J. C. Fickel, Chanute; time advantage 4:02.
135 pound class—Brannan, Ind., defeated Albert Brown, Manhattan; time advantage 1:36.
145 pound class—Sam Alsop, Wakefield, defeated Jessup, Ind.; time advantage 5:00.
155 pound class—Ross, Ind., defeated J. R. Warner, Whiting; time advantage 3:13.
165 pound class—William Chapman, Wichita, won by fall from Todd, Indiana. Time 2:30.
175 pound class—Scott, Indiana, defeated R. H. McKibben, Kansas City, Kan.; time advantage 5:30.
Heavyweight—Unger, Ind., defeated C. H. Errington, Ruleton; time advantage 3:20.

AGGIE BASKETEERS LOSE TO ST. LOUIS U., 39-22

To Open Conference Season At Ames Friday

The Kansas Aggie basketball team lost its second game of the season to St. Louis university in St. Louis Monday night, by a score of 39 to 22. Skradski, Aggie captain, was high point man for his team with two field goals and three free throws.

On Tuesday night the Wildcats completely reversed their Monday night form, and defeated Washington university 30 to 29. Washington previously had defeated Indiana, which in turn had conquered Missouri.

The Wildcats open the conference season Friday night against Iowa State at Ames.

MUST IMPROVE WHEAT, CUNNINGHAM DECLARES

SOUTHWEST'S PROBLEM IS TO MEET COMPETITION

Farmer Also Must Guard Against Deterioration, Kansas Crop Improvement Head Believes—New Varieties Are Needed

New wheat varieties, superior to those now grown in the southwestern plains area, must be forthcoming if the wheat industry is to maintain its forward progress, C. C. Cunningham, president of the Kansas Crop Improvement association, told persons attending the wheat improvement conference held at the college last November.

Progress has been steady since wheat was first produced in this section, according to Cunningham. Due to its superiority hard red winter wheat of Russian origin superseded the first varieties grown. These Russian wheats gave way to more nearly pure strains of the same type of wheat, such as Crimean and Khar-kof. Higher yielding strains of these wheats—such as Kanred—were developed and distributed as a part of the advancement.

MUST MATCH NORTHWEST

"At present flour from the southwest is selling on a parity with that manufactured from hard spring wheat in the northwest," Mr. Cunningham said. "This was not true a decade or more ago when spring wheat flour outsold those from other sources from one to one and a quarter dollars per barrel. There is a determined effort being made by the northwest millers to regain the advantage they once had.

"For this reason it is going to be necessary for the wheat industry of the southwest to improve the quality of its output. To maintain the present quality of its flour product will not suffice since there is considerable activity in the northwest to improve the quality of hard spring wheat flour. The southwest will have to match this effort.

PROTEIN CONTENT DECREASES

"There is good evidence that the protein content of hard red winter wheat is gradually decreasing. This is due to a corresponding reduction in the nitrogen content of the soil in which it is grown. Scientific research has demonstrated that there is a correlation between soil nitrogen and the protein content of wheat. Since the nitrogen of the soil is being depleted as a result of faulty methods of tillage so in a like ratio the protein content of wheat is being lessened which in turn results in a relatively poor grade of flour.

"For these two reasons—one to meet keener competition and the other to avoid a tendency toward deterioration in the quality of hard red winter wheat flour—it is important that better flour-producing wheat varieties be developed and grown."

COLLEGE JOURNALISTS EDIT TWO KANSAS NEWSPAPERS

Gather Material for Marshall County News and Linn-Palmer Record

Two teams of college journalism students edited Kansas newspapers last week, a team of five putting out the Marshall County News and three others editing the Linn-Palmer Record under the direction of Prof. F. E. Charles.

Members of the Marysville team were John Watson, Frankfort; Helen Sloan, Hutchinson; Lenore McCormick, Cedar Vale; Gordon Hohn, Marysville; and Harry Dole, Alma; of the Linn-Palmer team, Helen Hemphill, Clay Center; Paul Westerman, Waterville; and Lowell Treaster, Beloit.

HOLD CARPENTERS' SCHOOL IN MANHATTAN TOMORROW

Walter G. Ward, Extension Architect, to Address Builders

Walter G. Ward, extension architect of the college, is cooperating with Manhattan lumbermen and builders in offering the third annual lumbermen's school here tomorrow. In addition to Professor Ward those who are scheduled to appear on the program are B. H. Chilcott, secretary of the Manhattan carpenters' union, and K. I. Church of the Portland Cement association.

PROGRESS OF KANSAS PRESS

F. E. C.

Editor B. F. Ewing of the Garden City Telegram had such a big year in 1928 that he is installing a new Webb press.

The Almena Plaindealer is another Kansas Weekly that has built a new building for its printing plant. Charles L. Rose is owner.

Chester Shore of Lawrence, former editor of Kansas Municipalities, has purchased the Augusta Daily Gazette from Burns Hegler.

A 24 page edition was produced on December 14 by D. C. Munger, editor of the Hanover Herald. The outside pages were western newspaper union colored cover which added to the Christmas spirit of the edition.

"Get your advertisers to put the name of your town in every one of your ads," is a suggestion from L. F. Valentine, president of the Kansas Press association. "It does not matter if you run a small newspaper in a very small town, every display advertisement in your paper should have the name of your town at the bottom of it, for there is no telling who is going to get hold of the paper, or what part of it, and every reader should be able to know whose advertisement he is reading and where the merchant is located."

The newest farm paper in the state is the Reno County Ruralist, official publication of the Reno County Farm Bureau. Willard Welsh, a newspaper man of several years experience, is editor and publisher of the Ruralist which is printed as a magazine. Mr. Welsh's ambition is to tie the farm families in Reno county into a unified group, members of which can be mutually helpful. The Ruralist carried considerable advertising by Hutchinson merchants in its first issue for December. Welsh will give the farmers of Reno county something to read and it will be interesting to see if the Ruralist fills a real need.

"To Meet the Other Fellow More than Half Way" is the motto that is carried by the Sedgwick Pantagraph, of which Earl Leedy is publisher.

A community page is to run each month for a period of a year in the Sublette Monitor, a page that is subscribed to by 15 Sublette merchants. Such a page not only provides revenue for the publisher but, filled with the right sort of copy, brings business to the town. Appreciation of the merchants probably is doubled in this case as Leon Lester, publisher of the Monitor, made the contracts himself. Often a slick salesman "makes" a town, selling the contracts first to the merchants, then turning them to the publisher, in such a way that he gets half the proceeds himself, thus increasing the cost to merchants.

O. W. Little, field secretary of the Kansas Press association, has been ill lately but the following items concerning Kansas papers show that he keeps up with his work in spite of sickness:

F. I. Wolfe, who recently sold his Grainfield Cap Sheaf, has bought and taken possession of the Menlo Leader. He is putting in some new equipment and will give them a good paper.

George Beuoy and son Howard have sold the Cedar Vale Messenger to Herbert Hickman of the Florence Bulletin, who took possession December 1. John D. Farrell will be the new editor in charge.

The El Dorado Times has ordered a new tubular press that will be installed soon after the first of the year. The Times continues to grow better and better, even if Editor Clymer did lose his tonsils last month.

The two papers at Chetopa were consolidated December 3 and the paper is now the Advance-Clipper, with H. R. Huston as owner. He has owned the Advance since 1915. H. J. Conderman of the Clipper is postmaster and is retiring from newspaper work.

The Kiowa News-Review entered its thirty-ninth year of service November 30. For the greater share of all these years, Miss Anna Haberlein and her mother have been guiding its destinies and have been doing a mighty good job of it. They are both faithful and conscientious and their friends are legion.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, January 16, 1929

Number 15

R. O. T. C. CAVALRY UNIT APPROVED FOR K. S. A. C.

COLLEGE MUST PROVIDE SUITABLE STABLE FACILITIES

Plans Call for 70 Horses, and Admission of 200 Men to Basic Course—United States Pays Maintenance Cost

Word of the approval by the war department of the establishment of a cavalry R. O. T. C. unit at the Kansas State Agricultural college at the start of the school year 1929-30, contingent on the provision of suitable quarters, has been received by President F. D. Farrell from the adjutant general. The state legislature will be asked to appropriate sufficient money to provide housing for 70 horses, feed storage space, a saddle room, and a saddlery repair room. The estimated cost of the necessary facilities is \$12,000.

An initial enrolment of not less than 200 students in the basic course is planned, if the unit is established next fall. "It is hoped that we will in time be able to care for 500 in the basic course," said President Farrell. "It is expected these will be recruited primarily from the divisions of agriculture and general science."

COLLEGE LOCATION IDEAL

"The college is particularly well located for a cavalry unit. The weather and ground are favorable for outdoor work most of the year, and the proximity to Fort Riley, the largest cavalry post in the United States, should serve as a stimulus to the R. O. T. C. cavalry students."

The tract of approximately 10 acres east of the poultry farm was bought in 1921, with the idea of using it eventually to provide a place for a cavalry unit. It is now used as a rifle range, and for the storage of R. O. T. C. supplies.

The federal government will stand all expenses of maintaining the unit after it is established, the sole responsibility of the college being the provision of suitable quarters.

A GOOD FEED MARKET

The 70 horses will provide in a year a market for feed equivalent in value to the estimated cost of providing quarters for them, \$12,000. The unit is made possible by the abandoning of a similar unit at the Oregon Agricultural and Mechanical college.

The Kansas Aggie R. O. T. C. unit won the rating of distinguished college in 1927, the last year that such ratings were made by the war department. Colonel James M. Petty is commandant.

MISS RICE HAS ARTICLE IN LATEST ISSUE OF JAYHAWK

Fictional Sketch Deals With European Observations

Prof. Ada Rice, of the department of English, has a literary sketch in the January number of Jayhawk, the new Kansas magazine. This is a delightful bit of fiction in which the principal character must see everything one is supposed to see in Europe.

It is not, of course, the experience of "two Kansas professors" as the editorial introduction suggests. The heroine is an amusing type of person observed by Miss Rice in her recent travels abroad. The situations are imaginative and entertaining.

DECORATIVE CAMPUS MAPS BEING SOLD BY OMICRON NU

College Buildings, Frat Houses are Shown

Campus maps drawn by Miss Vida Harris of the art department and placed on sale by Omicron Nu just before Christmas have caused much favorable comment. The map shows all the buildings, and most of the fraternity and sorority houses, all scaled and drawn with sufficient detail to make them familiar. They

are decorative and the colors are grayed.

The maps can be framed or mounted on beaver board or framed under the glass. Many faculty members have the framed maps hanging in their offices.

The maps are on sale in the bookstores in Aggieville and downtown and mail orders will be received. When the maps are mailed the price is \$1.35.

ENGINEERING SOCIETY MEETS JANUARY 17-19

Two K. S. A. C. Professors, Five Graduates on Program of Wichita Convention

The Kansas Engineering society will hold its twenty-first annual meeting, Thursday, Friday and Saturday, January 17-19, at Wichita. Two professors and five graduates of K. S. A. C. are on the program. Prof. C. H. Scholer, '14, of the civil engineering department will give a talk Thursday morning, his subject being "Factors Affecting the Durability of Concrete."

Prof. L. E. Conrad, head of the civil engineering department, has charge of the transportation section. Two graduates of K. S. A. C. are scheduled to speak on transportation. Ira E. Taylor, '13, division engineer of the state highway commission, has chosen "Sand Gravel Roads" as his subject. "County and Township Roads" is the subject H. K. Shideler, '21, county engineer of Harper county, will develop.

W. A. Schuster, '13, of the Kansas State Teachers' college of Pittsburg, has charge of the geology and mining section.

Friday afternoon Mac Short, '22, will talk on "Principles of Airplane Design." Mr. Short is chief engineer for the Stearman Aircraft company of Wichita.

Probably the most interesting speech for the farmers of Kansas is that to be given Saturday morning by George S. Knapp, '14, engineer in the division of water resources, of the state board of agriculture. His subject is "Conclusions of the Governor's Committee on Flood Control and Drainage."

At this meeting the new proposed registration law for engineers will be brought up.

Professors E. R. Dawley, W. L. Leshner and Harold Allen of the mechanical engineering department and Professors M. W. Furr and L. V. White of the civil engineering department will also attend the meeting with Professors Conrad and Scholer.

EIGHTH ANNUAL VETERINARY CONFERENCE FEBRUARY 6-7

Dean Dykstra Announces Program for Sessions at K. S. A. C.

The eighth annual conference of Kansas veterinarians will be at the Kansas State Agricultural college February 6 and 7, according to announcement of Dr. Ralph Dykstra, dean of the division of veterinary medicine.

Dr. J. H. Burt will preside at the opening session the morning of February 6, and Dr. W. M. McLeod at the afternoon session the same day. The annual banquet will be at the Wareham hotel February 6, with Doctor Dykstra presiding.

The morning session February 7 will be under Captain G. W. Fitzgerald, and the afternoon session under Dr. E. J. Frick and Dr. E. R. Frank, with Doctor Dykstra in charge of the round table question box.

Among those on the program from out of the state are the following: Dr. L. Enos Day, pathologist, and Dr. L. S. Campbell, veterinary inspector, with the U. S. government; Dr. R. R. Birch, New York State Veterinary college; Dr. A. F. Schalk, North Dakota Agricultural college; Dr. A. T. Kinsley, Kansas City, Mo.

Bring the family to Farm and Home week.

CANKERWORM BATTLE IS NEXT ON SCHEDULE

DOCTOR PARKER EXPLAINS HOW TO PROTECT TREES

Fears Outbreak as in 1914, 1915, and 1916—Spray and Tanglefoot Are Best Means of Defense Against Pests

A warning against ravages of the cankerworm is issued by Dr. R. L. Parker, associate entomologist of the Kansas agricultural experiment station, in a statement explaining how the troublesome pest may be prevented from damaging shade and fruit trees.

In 1914, 1915, and 1916 Kansas had an outbreak of cankerworms. Considerable damage was done again in 1928 and is to be expected this year and possibly in the next several years, according to Doctor Parker.

SHOULD PRESERVE TREES

Defoliation by the insect will kill many trees if not prevented or controlled, or the trees may be so weakened that wood borers will later cause damage. "With Kansas having few enough trees at best, these should be preserved in as good condition as possible for future generations," the entomologist declared.

"Cankerworms are the most common of the loopers or measuring worms seen on trees. The caterpillar, when full grown, is about one inch long, slender, cylindrical, and freed of hairs. The color is dark green or black, with narrow, pale lines down the back and a whitish stripe along each side. These worms make their appearance when the first leaves on the apple trees are beginning to show in May. Elms at this time are nearly in full leaf. The cankerworms grow rapidly and in three weeks of favorable weather are full grown and much damage has been done in feeding to attain this growth."

MOTHS EMERGE SOON

"The insects pass the winter a few inches below the surface of the ground in the resting stage. From this stage emerge the adult moths during warm days in late winter or early spring. In Kansas, this emergence may take place the latter part of January, but generally begins early in February, continuing until the middle of March. The wingless females crawl up the trees and lay eggs in irregular clusters on the branches. A female may lay as many as 400 eggs. There is only one generation a year."

"In well cared for orchards, and where regular spray schedules are practiced, there is little or no trouble from this pest. When the caterpillars are small, they are easily destroyed by a spray of lead arsenate, using two pounds in 50 gallons of water. If the caterpillars are large, the spray will have to be strengthened by the addition of another pound or two of lead arsenate. The spraying should be done, in the case of apples, just when the leaves are expanding and the bloom has fallen."

With shade trees, the spray should be put on the last week in April, or when the small caterpillars are first noticed.

TANGLEFOOT IS ECONOMICAL

"The most economical method of control is that of banding the trees with tanglefoot to trap the wingless females when making the ascent to deposit eggs," Doctor Parker continued. "This attack on cankerworms begins at the time or a little before the emergence of the moths in late winter."

"The bands are made in three layers. A cotton-bating band, of the cheapest grade, three or four inches wide is put around the trunk of the tree. Over this is placed a band of building or tarred paper, four to six inches wide. These two bands can be fastened to the tree by bill poster tacks in one operation. Now the sticky material can be spread in the middle of the paper band, making a thin layer about three or four

inches wide. In Kansas these bands should be placed the last of January. The cotton prevents the moths from going under the bands in crevices. The paper is a support for the sticky substances, since they are injurious to the trees. By the middle of April the bands may be removed and preserved for the next year."

KANSAS SCIENTISTS TO CONVENE HERE IN APRIL

Dr. George E. Johnson Announces Dates of Sixty-First Annual Meeting—Plans Two Day Conference

Scientists of Kansas will gather at the Kansas State Agricultural college next April 26 and 27 for the sixty-first annual meeting of the Kansas Academy of Science, Dr. George E. Johnson, secretary of the academy, announced this week. The scientists come together for the presentation, hearing, and discussion of scientific papers and for a business meeting.

Thursday evening, April 25, will be devoted to a banquet and an address, possibly by Prof. L. D. Wooster of K. S. T. C. at Hays, president of the group. A special program for the more technical physical and chemical papers is being planned by the secretary, who looks for increased attendance in these fields. The academy is cooperating with the Kansas state chapter of the American Chemical society in obtaining a speaker to address both organizations on one evening during the two day meeting.

The Kansas Entomological society, an affiliated organization, will meet with the academy.

The secretary has issued a call for papers to 500 persons, 250 of which are active members, requesting scientists of the state to make contributions. Those who are not members are urged to become affiliated with the Kansas scientific group.

KANSAS AGGIES DOWN NEIGHBORS IN JUDGING

Junior Livestock Sextet Avenges Last Year's Defeat—Colorado and Wyoming Are Runners-up

A Kansas State Agricultural college junior livestock judging team won first place in the intercollegiate contest at the Western National Livestock show in Denver last Saturday. Scores of teams were Kansas, 3,390; Colorado, 3,266; Wyoming, 3,255; Nebraska, 3,216; and Utah, 3,198.

Members of the team, coached by Prof. F. W. Bell, were Paul Chilen, Miltonvale; R. W. O'Hara, Blue Mound; R. W. Hoss, Potwin; J. A. Terrill, Syracuse; Harry Paulson, Stafford; and F. H. Schultis, Sylvan Grove. O'Hara, Terrill, and Chilen ranked second, third, and fourth in individual scoring among all contestants.

The placing in this contest a year ago was Nebraska, Colorado, and Kansas.

CAMPUS TEA ROOM A BOON AT ZERO HOUR OF AFTERNOON

Faculty Members and Guests Attend Opening

The opening of the tea room in Thompson hall Tuesday afternoon was a campus social occasion. Faculty members and guests dropped in to see what a refreshing cup of tea and leisurely exchange of chat could do to one's spirits at the 4 o'clock "zero" hour of the afternoon.

The attractive green room will be open from 7 to 9 in the morning, 3 to 5 in the afternoon, and usually from 5 to 7 for dinner. Special arrangements may be made for dinner parties. The tea room will be run in conjunction with the cafeteria, under the direction of Mrs. Bessie Brooks West, Miss Sarah Morris, and the division of home economics.

Sophomores Win Tourney

The sophomore class won the women's volleyball tournament by defeating the juniors, 24 to 21.

FARM-HOME VISITORS TO STUDY ECONOMICS

PLAN TWO DAY MARKETING AND PRODUCTION SCHOOL

K. S. A. C. Staff Specialist Will Consider Long Time Outlook as Well as Immediate Prospects for 1929 Guide

An agricultural economics program scheduled for Farm and Home week, February 5-8, at the college, will give consideration to nearby market prospects and the long time production outlook for Kansas farm products.

PLAN FUTURE PRODUCTION

Possible trends of the spring markets for wheat, corn, hogs, cattle, poultry, and dairy products will be studied to assist in securing timely marketing by farmers. "The purpose of longer time outlook reports is to make available information that may serve as a guide in planning acreages of crops and numbers of livestock to be produced during the coming year," according to W. E. Grimes, head of the department of agricultural economics.

Probable production elsewhere will be considered together with existing conditions here to determine the probable future production of Kansas products.

SCHEDULE OF TALKS

The detailed program to be given by the marketing staff:

Thursday, February 7

9:00 a. m. The Long Time Outlook for the Wheat Industry of Kansas, W. E. Grimes.
10:00 a. m. The Nearby Wheat Market, R. M. Green.
11:00 a. m. Question box and discussion.
1:30 p. m. Dairy Markets and the Outlook for the Dairy Industry, R. D. Nichols.
2:15 p. m. Poultry Markets and the Outlook for the Poultry Industry, Morris Evans.
3:00 p. m. The Corn Market Outlook, R. M. Green.
3:30 p. m. Question box and discussion.

Friday, February 8

9:00 a. m. Applying Outlook Materials Through Farm Accounts, I. N. Chapman.
9:45 a. m. The Outlook for the Hog Industry, George Montgomery.
10:30 a. m. Nearby Hog Market Prospects, Homer J. Henney.
11:00 a. m. Question box and discussion.
1:30 p. m. Taxation Progress in Kansas, Harold Howe.
2:15 p. m. The Outlook for the Cattle Industry, W. E. Grimes.
3:00 p. m. Nearby Cattle Market Prospects, Homer J. Henney.
3:30 p. m. Question box and discussion.

BEAUTY CONTEST ENTRANTS CHOSEN BY ORGANIZATIONS

Twenty-Four Candidates for Annual Queen

Twenty-four entrants for the annual Royal Purple beauty contest have been selected. Winners will be chosen by student vote.

The candidates who have been selected are as follows: Beta Phi Alpha—Esther McGuire, Manhattan; and Marian Cross, Manhattan; Kappa Delta—Thelma Carver, Manhattan; Sally Hull, Manhattan; and Reland Lunbeck, Manhattan; Delta Delta Delta—Helen Sloan, Hutchinson; Edith Loomis, Osborne; and Lillian Hazlett, Whitewater; Pi Beta Phi—Ruth Allen, Parsons; Mary French, Manhattan; and Marjoria Kuhn, Marion.

Chi Omega—Marie Arbuthnot, Bennington; Ferne Moore, Blue Rapids; Alpha Delta Pi—Norma Koons, Sharon Springs; Ann Annan, Beloit; Van Zile Hall—Lenore Reeder, Blue Rapids; Alice McClelland, Topeka; Alpha Xi Delta—Helen Kimball, Manhattan; Gretchen O'Connor, St. John; Delta Zeta—Vera Holmstrom, Randolph; Elizabeth Hartley, Manhattan; Phi Omega Pi—Ruth Gordon, De Soto; Kappa Kappa Gamma—Olive Baker, Helena, Ark.; Helen Durham, Manhattan.

Coe to Topeka

M. H. Coe, Kansas 4-H club leader, went to Topeka Tuesday to attend a meeting of the secretaries of Kansas county fairs.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT.....Editor-in-Chief
C. E. ROGERS.....Managing Editor
F. E. CHARLES, LILLIAN HUGHES NEWS-
WANGER, R. I. THACKREY, Assoc. Editors
KENNEY FORD.....Alumni Editor
J. D. WALTERS.....Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, JANUARY 16, 1928

IN FAVOR OF CONVENTIONS

Unlike most editorial columns, which every now and then must print a broadside against conventions, this one is for them. The position may seem paradoxical to some. Most of the editors who lambast conventions are indirectly beholden to those who are popularly supposed to be benefited most by the meetings, namely, the advertisers, who reap a harvest from visitors. But the theory that we are keeping an eye to the advertisers wouldn't even explain our affirmative position, because we have no advertisers.

We approve of conventions, in spite of the fact that as a newspaper reporter we have covered some very dreary ones—brass plumbing manufacturers, academies of science, teachers' institutes, wholesale druggists, and social fraternities, to mention only a few. We approve conventions not because we have covered them but because we have attended them. Attending a convention can do some things for one that no other agency could effect.

Meeting one's colleagues usually results in a challenge and a consolation. One is spurred to do things as well, if not better, than the fellow whom he recognizes as a little better than his peer. One is permitted the pleasure of contemplating his own superiority to the fellow of limited capacity who exhibits mediocre accomplishments.

One might stay at home and later read the papers that were presented, but he would miss the informal sessions held over late coffee in smoke filled all night restaurants. The informal talks are worth something even as gossip or aged parlor yarns. In them one is enabled to discover a little of the man hiding behind the formal paper.

Aside from the supposedly primary benefit to be derived from attending conventions, that is, the accumulation of useful business or professional information, probably one of the most useful purposes served by them is that of tearing husbands away from their homes once or twice a year.

And of course it is axiomatic that the husband should never take along his wife—or the wife her husband.

BOOKS

Curbing the Business Cycle

The Road to Plenty, by William Truitt Foster and Waddill Catchings. New York. 1928. Houghton Mifflin Company. \$2.

An important feature of civilization is that society assumes an increasing degree of conscious control over the forces that environ it and leaves a decreasing number of things to chance. For centuries man has progressed in his struggle for control over fire, flood, heat, cold, disease, and other manifestations of nature. More recently he has become preoccupied with a desire to control economic phenomena like production, distribution, and interest rates. Most recently there has developed an urge to curb the wide fluctuations in business activity, the alternation of boom and depression, the so-called business cycle.

"The Road to Plenty" is an ex-

position of a plan for conscious control of the business cycle. The plan is presented by means of a suppositional discussion in the smoking compartment of a Pullman car. Unlike some Pullman car conversations, this one is kept on a high plane. Indeed, one of the refreshing incidental features of the book is the manner in which the conversation is sustained and the subject adhered to. The participants include a prosperous Business Man with pronounced but controlled philanthropic tendencies, a Lawyer, a Professor of Economics, a Congressman from Kansas, a high-pressure Semi-Silk Salesman and a little Gray Man who has had a tragic life because of long continued lack of employment and who is in quest of a method to prevent wide fluctuations in the demand for labor.

The plan that emerges from the discussion, under the leadership of the Business Man, is based on the assumption that Adam Smith, John Stuart Mill, and their successors among conventional economists have over-emphasized production and neglected consumers' ability to buy as economic factors. The plan contemplates that consumers' buying power is to be sustained by a "sufficient flow of money (to consumers) to bring about the distribution of a constantly increasing output" of goods. Essentially, the flow of money is to be controlled by a federal board with authority to increase certain public expenditures (for construction work, for example) whenever business begins to be slack and a depression looms and to reduce those expenditures whenever business begins to reach the proportions of a boom or of inflation. The plan involves an attempt to exercise more of conscious control over these matters and to depend less on chance than in the past. The activities and the influence of the proposed federal board would be expected to help us, as the Gray Man puts it, "to know when to put the foot on the brake and when to put it on the accelerator." Others have suggested similar plans for consideration, notably Mr. Hoover in his message to the conference of governors at New Orleans last November.

No informed person questions the existence of acute problems associated with the business cycle, with its alternating periods of inflation and deflation and the consequent recurring unemployment and suffering. The authors of this book claim that their plan is as worthy of trial as the federal reserve system was when it was established and that that system demonstrates the feasibility of conscious control of important economic forces that formerly were left to chance.

The book is the eleventh publication of the Pollak Foundation for Economic Research. A copy is deposited in the college library.

—F. D. Farrell.

NEW FRIENDS EVERY TIME

It seems too bad that on one of the greatest adventures in the world, the adventure of making new friends, you have to drag along this impedimenta of outworn attachments. But you do, and that's that.

"You'll make your best friends in school days, my dear, the friends whom you keep all your life. You'll make friends less easily as you grow older." When you think of the abyssal rot which is fed to children, and the tastes which are formed in their tender years, you wonder how so many of them escape serving on committees.

Why can't people be honest? You'll be losing and making friends all your life, and the new ones will answer needs which the old ones can no longer answer. Some of these will be friends for a day and some of them for years. There is no sure way of telling which it is to be. That's part of the adventure. But it's a curious fact that those who are to touch you most deeply are apt to come when you are not seeking them, and when you're least expecting them.

If there are a lot of old friends who are white elephants there are also a few who are not. If you have a bevy of such friends you are something more than mortal. You know that type also. You haven't exchanged letters or Christmas greetings for years perhaps. You haven't needed to. You just blow in on

these people suddenly, or you look up from your work some afternoon and there's one of them standing in your door. He has changed and so have you; but the change is comprehended in a twinkling. You talk far into the night, words tumbling and jostling; or you are silent, without being afraid of silence. And the joke of it is that these aren't old friends at all. They're new ones, new every time you see them.—Mugwump Musings in the Concordia Blade Empire.

NO BREAD? LET THEM EAT CAKE!

A resolution was adopted at the meeting of journalism teachers which will sound strange to some. It urges the administrative authorities of colleges and universities to make sure that the journalistic experience of

Science, the State Horticultural society, and the State Teachers' association at Topeka.

Laurence Brink, son of Doctor Brink, was appointed to a position in the English department of the Michigan Agricultural college. He was a member of the senior class here in 1903-04.

C. G. Elling, '04, formerly assistant in the animal husbandry department, resigned his position to take one with a large Cuban company in which he was to look after the organization's livestock interests.

THIRTY YEARS AGO

Jesse B. Norton, '97, who had been taking graduate work, left for Gulf View, Miss., where he was to be employed on a poultry farm.

The degree of master of science

Cultural Values At K. S. A. C.

The Thirty-Second Biennial Report of the Kansas State Agricultural College

The college is essentially a technological school. One of its principal objectives is to help people to increase their fitness to adjust themselves to the environments of a scientific age: to be efficient, adaptable, and intelligently equipped to be a part of a competitive society. But to make the necessary adjustments one must know how to live as well as how to gain a livelihood. He must be a good citizen and a good human being as well as being efficient in supplying goods and services to society. This calls for well balanced education.

The college endeavors to meet this need by requiring each student to study certain subjects which he rightly regards as non-technical from his own point of view. It also encourages the student to participate in a reasonable variety of activities outside the classroom that will help to fit him to live a well balanced life. Thus students in agriculture, engineering, and other technical subjects are required to study English, economics, history, sociology, and other liberalizing subjects, and they are encouraged to become actively interested in student organizations, in athletics, and in the fine arts.

The following statistics will indicate something of what has been done in this connection during the past biennium. There were 1,760 student enrolments in the three modern languages, French, German, and Spanish. Nearly 700 students participated in the try-outs for places in the six dramatic performances given by college and Manhattan talent. The college bands, orchestras, and other musical organizations utilized the talents of about 400 students each year and helped to develop interest in music and appreciation for that art. Ten original pageants were presented by students, faculty members, and other citizens. Scores of lectures on artistic, humanitarian, and sociological subjects were delivered by eminent specialists and attended by hundreds of students.

candidates for teaching positions in journalism shall be adequate. One would think that the obvious had been stressed, but there was talk in the corridors that the resolution was weak and properly should call upon the authorities to make sure that all such candidates are literate. Seems a bit rough to me. The journalism teachers I have met appeared to know the job, often much better than some editors I know. I would sympathize, however, with the discussed resolution that all candidates for teaching jobs in journalism schools be practiced vegetarians. A man who enjoys raw carrots and alfalfa could live quite well on the salary that most of the colleges provide.—Marlen Pew in Editor and Publisher and The Fourth Estate.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

The Oratorio artists appeared in concert at the college auditorium.

F. J. Smith, f. s., was to take charge of the advertising department of the Manhattan Republic.

L. E. Call left for France, where he was to have charge of the work in grain crops in the A. E. F. university.

The Alpha Beta society elected the following officers: Jennie R. Smith, J. C. Christensen, Elva L. Palmer, George W. Fryhofer, Fannie Parkinson, Lucy Waters, and W. H. Phipps.

TWENTY YEARS AGO

President Nichols attended the meetings of the Kansas Academy of

was granted Elam Bartholomew by the board of regents for proficiency in the science of botany and the arts of agriculture and horticulture.

The following excerpt appeared among others from an article in the Topeka Daily Capital: "We have at Manhattan the largest and best equipped agricultural college in the world, with a faculty of 40 instructors and a student body of 800 young men and women."

FORTY YEARS AGO

The sixth biennial report of the college was received from the state printer.

E. Ada Little, '86, took part in the meeting of Riley county teachers at Randolph.

Frank Link, f. s., wrote that he was cutting ornamental granite work for a public building at Raymond, Fresno county, Calif.

Mattie Cobb, '88, wrote from Chouteau, Indian Territory, where she was teaching, that "the winter is so mild that an occasional buttercup is gathered as a promise that 'gentle spring' is never far away."

FIFTY YEARS AGO

At a meeting of the Drill club the following officers were elected: George A. Gale, A. A. Stewart, A. E. Wilson, and A. N. Godfrey.

C. H. Torrington, an experienced operator, arrived to take charge of the college telegraph department during W. C. Stewart's absence.

The increased attendance of students necessitated the division of English, bookkeeping, and United States history each into two classes.

GOD'S WORLD

Edna St. Vincent Millay

O world, I cannot hold thee close enough!
Thy winds, thy wide grey skies!
Thy mists that roll and rise!
Thy woods this autumn day, that ache and sag
And all but cry with color! That gaunt crag
To crush! To lift the lean of that black bluff!
World, World, I cannot get thee close enough!

Long have I known a glory in it all,
But never knew I this;
Here such a passion is
As stretcheth me apart.—Lord I do fear
Thou'st made the world too beautiful this year.
My soul is all but out of me—let fall
No burning leaf; prithee, let no bird call.

SUNFLOWERS

H. W. D.

2029

We hasten to congratulate Lord Birkenhead upon the big splatter of publicity he got away to in his recent address before the Society of Something or Other in New York or thereabouts.

The first few days of a new year constitute the open season on long range prognostications. If you are a prominent foreign notable lecturing to an American scientific society and have the type of mind that is engrossed in the contemplation of contemporary materialistic achievement, you can hardly keep from speculating upon things as they may be within another one hundred years.

That is just what happened to Lord Birkenhead. He got to thinking about what science might do.

From what little we can recall of the front page story about it, science is going to do a lot. In the first place—at least we should place it first—science is likely any minute to stumble on to the secret of the ectogenetic development of the germ cell of human life. Not only that, but human beings may be created to order, with just the right amount of charm and pugnacity—whatever that amount may prove to be—in them. If the party in power feels itself slipping, it can order the federal chemical laboratories to get busy and produce four or five million children who will turn out to be Republicans or Democrats or Bolsheviks or Racketeers or whatever it happens to need.

The great advantage of having a citizenry made to order in such a fashion is quite obvious. Human nature is the only thing that has steadfastly refused to bow down before the research chemist. But poor human nature, according to Lord Birkenhead, is on its last legs. Soon it will be just what the Secretary of Hoi Polloi thinks it ought to be; and he, of course, will be in a position to know what it ought to be.

The titled notable also thinks that the scientists are going to work their way into the inside of the atom within a short time and that atomic energy may be run down and harnessed. Then we can carry power enough to run all the dynamos in America in a pocket instrument no bigger than a fountain pen. Of course, if anything goes wrong while some ignoramus is probing around in an atom, this earth may become star dust in the twinkling of an eye; but science must be served.

Agriculture is going to become an outdoor sport, says Lord Birkenhead. Foods will be produced synthetically. And they will be foods capable of delivering the goods. If you want to put on thirty or forty pounds or take off a wart, you will simply switch from Can No. 423 X to Bottle No. 7895 Y, swallow a couple of drops before bedtime and wake up the man or woman you've always wanted to be. People who hoe corn or thresh wheat will do so merely because they like it.

People so lucky as to be alive in 2029 will have to work only two hours a day, there will be that much wealth and supplies accumulated. Just what they will have to work at Lord Birkenhead forgot to say. But don't worry, science will find a way.

Experience keeps a dear school, but fools will learn in no other.
—Franklin.

AMONG THE ALUMNI

H. H. Amos, '16, is located at Elliott, Iowa.

Eugene Surmelian, f. s., is located at Olive View, Cal.

C. F. Bayles, '27, is located at South Sioux City, Neb.

Nelle (Wilkie) Goldsmith, '18, is now located at Borger, Tex.

Bertha Faulconer, '23, is dietitian in St. Joseph's hospital, Omaha, Neb.

M. Louisa Ziller, '17, is located at 4304 118th street, Apt. 2, New York City.

Aubrey E. Lippincott, '28, is located at 141 South Fifth avenue, Tucson, Ariz.

A. I. Balzer, '26, is doing experimental work on the sugar cane moth at Beaumont, Tex.

J. H. Church, '28, is working for the Island Levee Drainage district at Pleasant Hill, Ill.

Preston O. Hale, '16, is agricultural extension agent, for the Goodhue county farm bureau at Zumbrota, Minn.

Dorothy Stahl, '27, is employed by the Visiting Housekeepers association at Detroit, Mich. She has 40 families to visit and writes that she finds plenty of variety in her work. Her address is 15941 Fairfield, Detroit.

Eloise (Morrison) Templin, '20, has returned to Baroda Camp, India, where her husband is superintendent of a boys' school. Mrs. Templin visited in the states for several months, spending most of her time at her former home in Topeka.

Fred Griffie, '19, and C. O. Dirks, '24, represent K. S. A. C. on the teaching staff of the University of Maine at Orono. Mr. Griffie is head of the extension department and Mr. Dirks is in the department of entomology and plant pathology. Mr. Dirks and Mary Jane (Clark) Dirks, '24, live at 100 N. Main, Orono.

MARRIAGES

NEUSBAUM—READ

Announcement has been made of the marriage of Mildred Neusbaum and Lyle Read, f. s., which took place November 10. Mr. Read is a teacher in the Phillipsburg schools.

BUCHHEIM—McKNIGHT

Mr. and Mrs. Otto Buchheim of Randolph announce the marriage of their daughter, Lillian, '17, to James W. McKnight of Eskridge. They were married December 27 and are at home in Eskridge.

ARMSTRONG—YOUNGMAN

The marriage of Betty Armstrong, f. s., and Richard Youngman, '28, took place in Olathe December 25. Mr. and Mrs. Youngman are making their home in Manhattan where Mr. Youngman is manager of the Morning Chronicle.

HOWARD—GEMMILL

Mr. and Mrs. H. M. Howard of Abilene announce the marriage of their daughter, Nina May, f. s., to Robert Oliver Gemmill at their home January 1. Mr. and Mrs. Gemmill are at home in Abilene where Mr. Gemmill is in the employ of the United companies.

SWEET—HARMON

Mr. and Mrs. Tom Sweet of Manhattan announce the marriage of their daughter, Hazel Marie, '23, to John M. Harmon, Missouri Wesleyan, at their home on December 31. Mr. and Mrs. Harmon are at home in Evansville, Ind., where Mr. Harmon is director of physical education at Evansville college.

DEATHS

CONROY

Mrs. Katherine Conroy, age 58, died at her home in Manhattan August 18. Nine children, all of whom have attended K. S. A. C., survive her, and five are graduates. They are, Winifred (Conroy) Leonard, f. s., Junction City; Sue (Conroy) Col-

lister, f. s., Manhattan; Kathleen (Conroy) Schobel, '16, Calumet City, Ill.; Irene (Conroy) Mosshart, '23, Philadelphia; Gertrude, '21, Kansas City; Nelle, '26, Menlo; Bernard J. '25, Solomon; and Ignatius, f. s., and Edward, f. s., Los Angeles.

DRAMA

Some books that may serve as an introduction to contemporary drama is the subject that Prof. R. W. Conover writes about in the December number of the Bulletin of the Kansas Association of Teachers of English. The bulletin is edited by Prof. J. O. Faulkner, also of the K. S. A. C. department of English.

That reading about plays is valuable when the plays themselves have been read is a statement that Mr. Conover makes early in his discussion. He points out that the anthology of plays is a convenient means of making the acquaintance of a large number of plays. As examples of excellent series in this connection he mentions "Chief Contemporary Dramatics," edited by Thomas H. Dickinson, first and second parts, and "Contemporary Plays," edited by Dickinson and Crawford.

As books that serve as an authentic and exclusive companion volume of the anthologies, Mr. Conover names "An Outline of Contemporary Drama" by Dickinson, and "Conversations on Contemporary Drama" by Clayton Hamilton. The first of these books is a reliable source of information from the standpoint of modern drama as comparative literature. The book is also valuable for the very excellent list of plays and books on the contemporary drama. The other critical work by Clayton Hamilton is more informal in its presentation and exceedingly pleasurable reading. The author's wide knowledge of the theater and his real sense of dramatic worth makes this series of lectures quite worthwhile.

"Modern English Playwrights" by John W. Cunliffe, another author who claims Mr. Conover's attention, is noteworthy as a book that imparts a knowledge of the history of the drama up to the time of George Bernard Shaw. Besides this historical matter, Mr. Cunliffe takes time in this succinct book of 54 pages to give interesting accounts of the living dramatists.

Jay Hubbell and John O. Beatty collaborate in another book, "An Introduction to Drama." It is so interesting in its development of the drama that it may well lead to the establishment of a course in the history of the drama. The book is quite comprehensive, beginning with Antigone by Sophocles and ending with nine one act plays by modern playwrights.

In another part of the bulletin there appears a book review by Helen D. Rushfeldt, also of the K. S. A. C. department of English. She has chosen as the subject for her excellent review "Better Writing" by Henry S. Canby, professor of English at Yale university. Miss Rushfeldt recommends this book highly as a stimulating study of writing.

—E. M. C.

LOOKING AROUND

KENNEY L. FORD

Members of the twenty-sixth biennial session of the legislature at Topeka are now working as never a legislature worked before, attempting to write on the statutes of Kansas more constructive legislation than has been attempted by any legislature in a long, long time. Aggie alumni who pride themselves in knowing the intricacies of legislation must prime themselves on tangible and intangible taxation, the school code commission, and a state highway program. The legislature will appropriate sufficient funds for the continued maintenance of our executive, legislative, and judicial branches of government. The many state boards and institutions, engaged in serving, protecting, and training the citizens of Kansas must also be given their share of state funds.

Every Kansas legislator should be awarded an honorary degree in political economy upon his or her graduation from this session. This group of Kansas leaders, accustomed to studying and solving social problems as they are, are given a real assignment to solve within the next few weeks. To an onlooker this seems to be the problem that the legislators are trying to solve at Topeka: "How can we provide adequately for all institutions maintained by the state that tend to keep Kansas in the forefront as the best place in the world to live, and rear our sons and daughters, and at the same time relieve the tax burden somewhat from agriculture?"

Each legislator is studying hard on this problem, he is furnished a text book written by the Hon. W. V. Jackson, representative from Coldwater, and his assistants, in which they set up a plan known as the Kansas state budget for 1930-31. This book contains 244 pages of statistical matter dealing with the collection and disbursement of more than \$21,000,000 in the next two years. In addition to the text book provided by the legislative body, the Hon. Clyde M. Reed, governor, has written and delivered his treatise on Kansas government to the legislature for their careful consideration.

In addition to the above guides in legislation, literally tons of reference material are furnished each member free, without the asking, by various interests who feel that legislation favorable to their future is vital in Kansas.

That the students in political government assembled at Topeka will be able to solve the problem assigned them is confidently expected by the people of Kansas. That coeducational institution is made up of competent leaders from practically every worthwhile vocation known to Kansas. Many of the legislators are K. S. A. C. alumni. These are the Aggies who are members of the senate: W.

S. Arbuthnot, '91, Bennington; A. K. Barnes, f. s., Harveyville; Edwin Buehler, f. s., Seneca; Robert H. Hanson, f. s., Jamestown; J. R. Harrison, '88, Beloit; Ralph U. Pfouts, f. s., Atchison; and Henry Rogler, '98, Matfield Green.

The following alumni are members of the house of representatives; Chas. M. Baird, f. s., Arkansas City; C. O. Baird, f. s., Le Roy; Frank Carlson, f. s., Concordia; Benj. Bull, f. s., Marysville; L. L. Chandler, f. s., Cottonwood Falls; C. V. Cochran, f. s., Topeka; John Doane, f. s., Osborne; Frank Hauke, f. s., Council Grove; Jean A. McKone, f. s., Lawrence; John O. Morse, '91, Mound City; Daniel Pfeiffer, f. s., Hamlin; and E. F. Pile, '16, Liberal.

The Kansas State Agricultural college is one of several worthwhile institutions maintained by the State of Kansas. Alumni are always interested in seeing K. S. A. C. receive adequate appropriations for maintenance and continued growth of the institution. K. S. A. C. occupies a preeminent position in the minds of the citizenry of Kansas because of the quality and scope of her service. Every citizen in the state receives direct help from at least one of the three branches of work carried on by K. S. A. C., namely, extension work, research work, and resident instruction.

A. O. FLINNER NEW CAPTAIN OF AGGIE RIFLE MARKSMEN

Team Victorious in Opening Matches of Season

A. O. Flinner, Manhattan, has been named captain of the Kansas Aggie rifle team for this year. Flinner succeeds Glenn Koger, Herington, who led the team to the championship of the Missouri Valley last year.

The Aggie team under Captain Maurice Rose of the military department won its first two matches from the University of Delaware and the New York Stock Exchange. The score of the stock exchange team was 3,430 and that of the Aggies 3,539. Six matches will be fired this week.

The following men will represent the Aggies, scores of the 10 highest being counted: Captain A. O. Flinner, Manhattan; G. Koger, Herington; E. W. Bennett, Great Bend; A. B. King, Centralia; C. M. Kopf, Beverly; F. Harmison, Great Bend; J. V. Schwanke, Alma; C. O. Little, Manhattan; E. L. Ross, Ashland; D. W. Earl, Nickerson; M. Coble, Sedgwick; L. A. Will, Denison; R. O. Thompson, Wichita; M. E. Sanders, Marion; and R. E. Pfuetze, Manhattan.

New Plant Laboratory

Graduate students in plant physiology II hereafter will have the conveniences of an adequately equipped laboratory, new equipment having been installed in room 77 of the Horticulture building under the direction of Dr. E. C. Miller. Though not elaborate, the new materials and devices have cost approximately \$500.

RECENT HAPPENINGS ON THE HILL

A "travel" number of the Brown Bull, college humorous magazine, will be issued in February.

A. N. McMillin, varsity football coach, was released from the hospital last week. He has been suffering from a severe influenza attack.

Prof. W. E. Grimes, of the department of agricultural economics, will go to Washington, D. C., January 21 to attend a U. S. D. A. conference.

Winifred Bickel of Kansas City, Mo., won honorable mention in a recent contest to design a route marker for Kansas City's "scenic drive."

Beta Theta Pi won the Pan-Hellenic basketball championship by defeating Sigma Nu 33 to 16. They will play the Kaggie athletic club for the college championship this week.

One hour credit will be given for membership in the men's and women's glee clubs, starting next semester. Attendance at chorus rehearsals will be necessary for glee club credit.

Horatio Farrar, baritone; Lyle Downey, cellist; Florence Steele, accompanist, and Charles Stratton, accompanist, were presented in joint recital by the department of music Sunday, January 13.

Helen Sloan, Hutchinson, won first prize in the contest to pick a name for the annual journalism dance. Her suggestion was "Pencil Pusher's Prom." It was decided to retain the former name "Scribblers Scramble." Marion Flick of Goodland was second and Jack Lampe, Cottonwood Falls, third.

MISS RICE LECTURES ON SIGNIFICANT SHORT STORIES

Gives Fourth of English Lecture Series

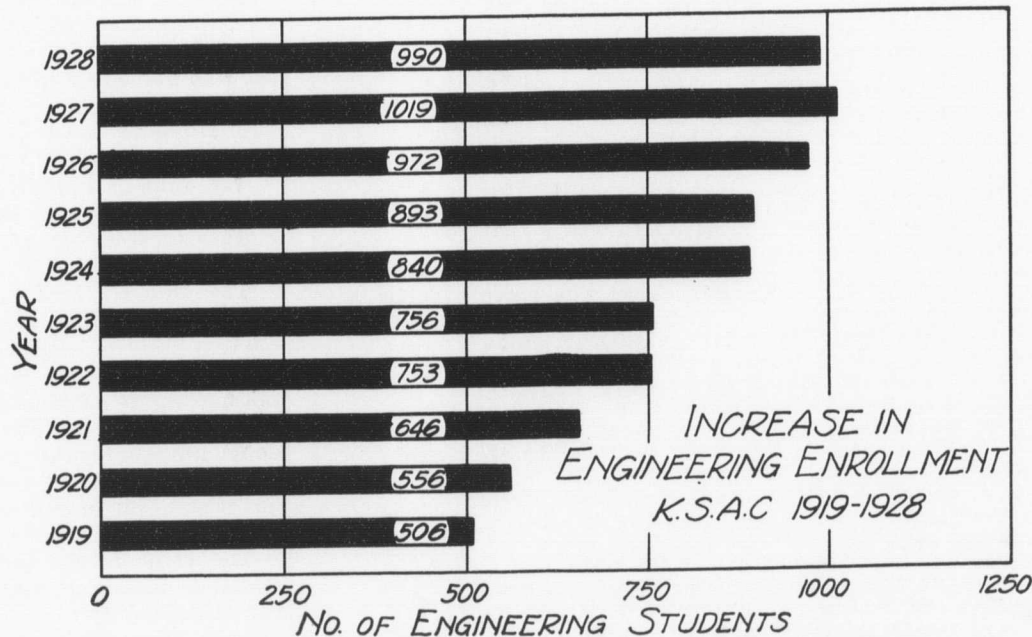
"It is foolish to be shy of technique for no art worthy the name but has a technique of its own," said Miss Ada Rice, professor of English, in the fourth of the series of English lectures, given last week. Her subject was "Significant Short Stories."

Miss Rice deplores the fact that many writers have reduced this technique to a formula of "turning the trick" for the sake of money. She chose as illustration of this tendency, a story by P. G. Wodehouse, a "popular" writer of no little means. Miss Rice showed how it exemplified the technique of the story. She also pointed out the devices by which suspense was achieved, and a given end attained to the satisfaction of the reader.

The second selection, a short short story by Ernest Hemingway, "A Separate Peace," according to Miss Rice, represents the experimentation with the short story form which many English and American writers are trying. The third selection was Wilbur Daniel Steel's "Never Anything That Fades." "It is a thematic story as suggested by the title, and incidentally a love story," said Miss Rice. The skeleton of this story is covered so deeply by the charm of its telling that we do not think of technique. Each character has charm, the setting is harmonious, the action pleases, and is just enough thought provoking to keep the reader alert. "All three types have their place in American literature. The first or commercial type is not to be condemned providing it can be written by an author who knows life, presents human interest themes, and has good craftsmanship. The second or experimental type shows a healthy condition in story writing that is alive and open to new possibilities.

The third has the greatest value, for it has a graceful style, good structure, excellent character portrayal, an element of fancy—a show of fine humanity with a touch of elevation in it—it lifts us up out of the commonplace and inspires with its charming pictures from life. Some of these qualities are necessary marks of that literature which outlasts the passing hour and which the generations finally agree to call classic."

How Equipment Makes the Difference



The above illustration shows the effect on enrollment where suitable buildings and equipment are provided. The appropriation for the present engineering building was provided by the state legislature in 1919 and the building was ready for use in 1921.

If the present legislature now in session appropriates \$250,000 for a new agricultural engineering building at K. S. A. C. the present enrolment of 53 students studying agricultural engineering may be expected to increase to hundreds of students desiring training in this important phase of Kansas agriculture.

MEAT BUYING AN ART SAYS D. L. MACKINTOSH

ECONOMICAL HOUSEWIFE SHOULD LEARN VARIOUS CUTS

Dealer Who Takes Phone Orders Must Be Honest and a Mind Reader, Says Animal Husbandry Professor

The would-be economical housewife who blithely calls her meat dealer over the phone and asks for the delivery of a four or five pound roast, is out of date, according to Prof. D. L. Mackintosh, assistant professor of animal husbandry at the Kansas State Agricultural college.

"One-third of the family food budget goes for meats, but available data indicate the average housewife knows less about meat than almost any other commodity," says Professor Mackintosh, who teaches K. S. A. C. home economics students the ins and outs of meats. "The phone method is one way of buying meat. The other is to go in person to the retail market and select a roast to suit your needs.

ROOM FOR DISHONESTY

"The meat dealers are no more honest or more unscrupulous than any other group of business men, but they aren't mind readers, and a phone order leaves room for the occasional dishonest dealer to send any kind of a roast at top price.

"Whenever the suggested roast doesn't fulfil expectations the housewife blames the dealer, without thinking of the haphazard manner in which she gave the order. Only recently a neighbor of mine who needed a rib roast but asked for 'roast' got a rolled plate roast instead.

"Rib roast seems to be the one roast with which the average American housewife is familiar, unfortunately enough, as the wholesale cut of beef from which these roasts come is only 9 per cent of the entire carcass. It would be impossible to fill all the daily orders that really call for rib roasts.

"There are many other cuts of beef just as desirable from the standpoint of quality, and usually more economically because they are priced lower.

"Such roasts are the chuck rib roast, cut from the carcass immediately in front of the rib roast; the cross-arm or cross-rib roast; the bottom chuck roast, which is most desirable for pot roasting but makes a desirable oven roast if cut from a high quality carcass.

OTHER ATTRACTIVE ROASTS

"Then there is the top chuck roast, which when boned, is attractive and easily carved. The rump also makes a highly desirable roast, as does a cut from the round. The housewife who orders by phone should be familiar with all these roasts and pick the one she wishes according to the price she can pay, and the use to which she wants to put it."

The question of steaks is parallel to that of roasts, Mackintosh says. Most housewives ask for "steak" and let it go at that.

"The loin furnishes the best steaks, incidentally the most expensive, but even from the loin there are three different steaks, the T-bone or porterhouse, the club steak, and the sirloin steak. The sirloins are larger than the T-bone and are named according to the shape of the bone present, as, wedge bone, round bone, or double done sirloin.

"Good quality, thick-cut loin steaks are usually best broiled. Low quality meat should not be broiled, but pan broiled, sauted, or Swissed. Round steaks are usually best when sauted or Swissed, but if of high quality may be broiled.

"The club steak comes from the rib end of the loin. It is easily distinguishable from the rib-steak, or short cut, which is cut parallel to the bone. They are little different in quality or desirability from the club steak.

CHUCK STEAKS DESIRABLE

"Chuck steaks, from the rib end of the chuck, are very desirable, and are usually about three-fourths the price of loin.

"The housewife who buys in person can usually pick meat suited to her purse, but even when at the market she usually asks for so many

pounds of boiling beef, beef roast, steak, and so on.

"Why not pay as much or more attention to the brand and cut of meat as to the brand of canned or baked goods?

"It's easy to become more familiar with meat and its uses. Cooperate with your retailer, and buy in person when possible. Ask the meat cutter for advice. He's glad to give it, but reluctant to offer it.

"An increased knowledge of meat would help keep the meat bill within limits, and provide for greater variety at reasonable cost. It would also help to balance the demand for cuts, be a great help to the dealer, and make for better satisfied housewives."

WILDCAT WRESTLERS SWAMP PITTSBURG TEACHERS 27-3

Aggies Win Seven Out of Eight Bouts in First Home Meet

The Kansas Aggie wrestling team defeated the Kansas State Teachers' college of Pittsburg Monday night, 27 to 3. The Aggie team won three falls and four decisions, losing only one bout. In the heavyweight class C. H. Errington, Ruleton, 200 pounds, threw Wise of Pittsburg, 270 pounder, after the pair had smashed the rope ring.

The Aggie team meets Kansas university Saturday night.

Pittsburg meet summary:

115 pound class—K. J. Latimer, Humboldt, won from Madison, Pittsburg, time advantage 7:12.
125 pound class—J. C. Fickle, Chanute, won fall from Williams, Pittsburg, time 2:18 3-5.
135 pound class—Albert Brown, Manhattan, won from Curran, Pittsburg, time advantage 7:3.
145 pound class—Sam Alsop, Wakefield, won from Prouse, Pittsburg, time advantage 9:46.
155 pound class—J. Warner, Whiting, won fall from C. Lange, Pittsburg, time 2:50.
165 pound class—Hubble, Pittsburg, won from K. M. Sherwood, Concordia, time advantage 2:19.
175 pound class—R. H. McKibben, Kansas City, Kan., won from W. Chaney, Pittsburg, time advantage 2:19.
Heavyweight class—C. H. Errington, Ruleton, won fall from Wise, Pittsburg, time 4:17.

The summary of the Purdue meet last week was as follows:

115 pounds—Raymond Patterson, Morrowville, won from Weinraub, Purdue, time advantage 7:49.
125 pounds—Joe Fickel, Chanute, won fall from Malysiak, Purdue, time 7:50.
135 pounds—Albert Brown, Manhattan, won fall from Pweedle, Purdue, time advantage 8:45.
145 pounds—Robinson, Purdue, won from Sam Alsop, Wakefield, time advantage 5:08.
155 pounds—J. Warner, Whiting, won from Walsmith, Purdue, time advantage 5:21.
165 pounds—William Chapman, Wichita, won falls from Hadley, Purdue, in overtime match.
175 pounds—R. H. McKibben, Kansas City, Kan., won from Sickle, Purdue, time advantage 4:17.
Heavyweight—Hooker, Purdue, defeated C. H. Errington, Ruleton.

Got a 1923 Royal Purple?

A request has come to the alumni office for a copy of the 1923 Royal Purple. Anyone having or knowing the whereabouts of an extra copy of this yearbook, which they would be willing to give away or sell, should write the alumni office.

'READER MUST LEARN TO TUNE IN ON POETRY'

H. W. DAVIS LECTURES IN ENGLISH DEPARTMENT SERIES

'Reader Who Expects Simple Statement of Fact and Nothing Else Is Disappointed in Modern Verse,' He Says

If a person doesn't appreciate or enjoy modern poetry it is largely because he has a "set up" for reading newspapers and hasn't learned to "tune in" to poetry, according to Prof. H. W. Davis, who read and commented on the verse of three contemporary poets Tuesday night in recreation center.

A reader who expects simple statement of fact and looks for nothing else in poetry is disappointed and "can't see anything to it," a phrase one frequently hears. Many are not sensitive to the sound of poetry, or, if conscious of it, find the sound strange and foreign to their reading experiences. Each medium of artistic expression is different and an acquaintance with the verse form, as distinct from the novel or other literary medium, is necessary in order to appreciate and enjoy it.

Professor Davis commented on the poetry he read by way of suggesting what "tuning in" means, and otherwise let the poems speak for themselves.

MISS MILLAY NOW SERIOUS

He read from Edna St. Vincent Millay's latest volume, "Buck in the Snow," Eleanor Wylie's "Trivial Breath," and from "Good Morning, America," by Carl Sandburg.

Miss Millay has dropped her flippancy and lost interest in shocking her audience. Her latest verse expresses a mature seriousness. Carl Sandburg's lyric quality is regrettably missing in his recent "Good Morning, America." The late Eleanor Wylie's graceful beauty, archness of phrase and polish of line provide a finished style for conclusions evidently derived from deep and serious thinking. In fact, if there is one element which the poetry of these three dissimilar writers all express it is a mood of seriousness, Professor Davis said.

'A MOOD OF THE TIMES'

This interest in the meaning of life, in "quo vadis?" is a mood of the times, of the laymen as well as the poet, Professor Davis believes. The general interest in popularization of science books he sees to be indication of the same situation. It is no doubt this harmony with the current temperament, which, together with their ability to expose it in beautiful rhythm and cadence, makes these poets beloved by those who have learned to "tune in" to poetry.

A Gift from the Aichers

L. C. Aicher, '10, Edith (Davis) Aicher, '05, and their son Louis of Hays have presented to the college a handsome set of andirons for use in the President's residence.

PROGRESS OF KANSAS PRESS

F. E. C.

THE COUNTRY NEWSPAPER

Bristow Adams in Canton Sentinel.

I am a country newspaper.

I am the friend of the family, the bringer of tidings from other friends; I speak to the home in the evening of summer's vine-clad porch or the glow of the winter's lamp.

I help to make this evening hour; I record the great and the small, the varied acts of the days and weeks that go to make up life.

I am for and of the home; I follow those who leave humble beginnings; whether they go to greatness or to the gutter, I take to them the thrill of old days, with wholesome messages.

I speak the language of the common man; my words are fitted to his understanding. My congregation is larger than that of any church in my town; my readers are more than those in the school. Young and old alike find in me stimulation, solace, comfort. I am the chronicler of man's existence.

I bring together buyer and seller, to the benefit of both; I am part of the market place of the world. Into the home I carry word of the goods which feed and clothe and shelter, and which minister comfort, health, and happiness.

I am the word of the week, the history of the year, the record of my community in the archives of state and nation.

I am of the lives of my readers.

I AM THE COUNTRY NEWSPAPER.

Basketball Schedule and Scores

Dec. 21—Kan. Wesleyan, 20; Aggies, 21.
Jan. 7—St. Louis U., 39; Aggies, 22.
Jan. 8—Washington U., 29; Aggies, 30.
Jan. 11—Iowa State, 41; Aggies, 30.
Jan. 12—Creighton, 50; Aggies, 25.
Jan. 15—Oklahoma U., 44; Aggies, 23.
Jan. 19—Missouri U., Columbia.
Jan. 24—Nebraska U., Manhattan.
Feb. 2—Kansas U., Lawrence.
Feb. 9—Missouri U., Manhattan.
Feb. 13—Okla. A. & M., Manhattan.
Feb. 16—Iowa State, Manhattan.
Feb. 23—Oklahoma, Norman.
Feb. 25—Okla. A. & M., Stillwater.
Mar. 2—Nebraska U., Lincoln.
Mar. 5—Kansas U., Lawrence.

AGGIES DROP FIRST BIG SIX GAME TO IOWA STATE, 41-30

First Home Game Against Oklahoma University Five

After surprising the dopesters by defeating Washington university 30 to 29, the Kansas Aggie basketball team slumped last week end, and lost its opening Big Six conference game to Iowa State at Ames, 41 to 30. The Ames game was played January 11, and the following night Corsaut's team suffered one of the worst lacerations in his history as a coach, losing to Creighton 50 to 25. It was the fourth game for the team in six days.

The home season was opened with a game against Oklahoma university Tuesday night.

The box score of the Ames game:

Iowa State (41)			
	G.	FT.	F
Lande, f	8	1	1
Ludwig, f	2	2	3
Taylor, f	0	1	0
Woods, c	6	0	1
Hitch, g	1	0	1
Rudi, g	1	1	3
Totals	18	5	9

Aggies (30)			
	G.	FT.	F
Skradski, f	2	3	1
Nigro, f	1	2	2
Freeman, c	2	1	1
Weller, g	4	0	1
Richardson, g	1	0	4
Forsberg, f	1	0	0
Russell, f	1	0	0
Totals	12	6	9

LITTLE KNOWN LOAN FUND HAS AIDED 100 AGGIES

Franklin County Bequest Valued at \$18,000

Perhaps the least known of all K. S. A. C. student loan funds is the "Silly Bequest," now known as the Franklin county loan fund. It is called the "Silly Bequest" because of its establishment by Mr. Charles Silly.

Mr. Silly was a Frenchman of Franklin county, who lived all alone. He left his property as the basis of a loan fund for male students in agriculture. Mr. Silly wanted to give his property to the young men of the agricultural college to help them obtain an education, because he believed that a boy would make a better citizen for having attended the college. He talked with F. L. Williams, a neighbor and close friend, about plans to handle the bequest.

The bequest was made as a trust deed to F. L. Williams, to be executed by him or his successor, who is his son, J. Wallace Williams of Ottawa. After making the bequest, Mr. Silly moved to California, and lost touch with Mr. Williams.

A permanent fund of \$500, given by Mr. Silly, was the foundation of the fund, and each year the net income of the farm of 240 acres was to be added to it. The fund grew for the first few years. Then many improvements were made, and the farm showed no net income at all. Things have been somewhat straightened out now, and perhaps more men may soon be helped by the fund. According to the report in 1926, at least 100 students have been helped by loans ranging from \$5 up.

The fund is operated for the college but was left in the hands of a private trustee, instead of to the institution.

The rate of interest on loans is 5 per cent until six months after the student leaves college, when it is changed to 10 per cent to prevent taking unfair advantage of the low rate. Nearly one-third of the students have not paid the full amount that they borrowed from this fund, but only four notes are considered uncollectable.

The value of the property is estimated at \$18,000. Since 1899, when the permanent fund of \$500 was started, the loan fund has grown to about \$3,000.

L. W. Youngman, '27, has joined the editorial staff of the Omaha World-Herald, Omaha, Neb.

HOME BUILDING NEAR POINT OF SATURATION

WICHERS SEES POSSIBILITIES IN 'MODERNIZATION'

Building Program Reaches Limits of Demand—Old Homes Can't Be Dis- carded But Best Ones Can Be Remodelled

Numerous communities in many sections of the United States have reached the saturation point in home building and face the problem of slowing down on the construction of new dwellings and diverting building interests into other closely allied channels, thinks H. E. Wichers of the college architectural engineering department who has given extensive study to the problems of home construction.

"AN OLD HOUSE ECONOMY"

"The whole of this country has not reached the saturation point in home building," Wichers explained, "but a large part of it must recognize that we cannot keep on building new houses indefinitely, without also increasing the demand for them. We have too many old houses that are in too good condition to be abandoned.

"By that, we mean that it would be an economical advantage to remodel rather than to discard. In the matter of conveniences these old houses are far out of date but as far as their structural value is concerned they are sound. Since this is true they cannot be discarded but must be brought up to date. They must be made both modern and sound."

MODERNIZATION OFTEN SIMPLE

It is to this plan of remodeling that the K. S. A. C. architect turns when confronted with what he thinks is the saturation point in home building. This situation has come about because of extensive building programs which have been carried on for the last five years and has resulted in enough new houses to take care of the present demand. If more houses are built it means that a number of older houses will stand empty.

"It is surprising how often old houses can be made modern," Mr. Wichers explains further. "Usually a few simple changes on the interior will result in a thoroughly modern and convenient home. The requirements are, in most cases, careful thought and study by the owner or his architect and a willingness to spend enough money to do a really good piece of work."

BIG ORDER KANOTA SEED OATS GOES INTO TEXAS

Variety Improved by Kansas Station Is Used Widely

An order from western Texas for 1,000 bushels of Kanota seed oats has been received by the agronomy department of the Kansas State Agricultural college. The order will be filled cooperatively by the agronomy department and partly by the crop improvement association.

Kanota oats have made outstanding yields in Kansas and California, and is one of the best varieties for Missouri, Texas, and southern Illinois, according to C. D. Davis, professor of crops at the college. The variety was improved by the Kansas agricultural experiment station.

Salina Alumni Meet

One hundred and fifty K. S. A. C. alumni and friends of the college held a mixer on December 21 in the Lamer hotel in Salina. The meeting was in honor of the Aggie basketball squad which defeated the Wesleyan squad earlier in the evening.

Jack Kennedy, f. s., gave the address of welcome. Short talks were given by Coach Charles Corsaut, Frank Root, '14, Mike Ahearn, '13, and Kenney L. Ford, '24. The aims of the alumni association and news of the college was given. Refreshments were served.

Put Winners on Exhibit

Under the direction of Prof. D. L. Mackintosh, in charge of horse breeding, the college will have on exhibit an outstanding group of horses during Farm and Home week. The animals won many prizes during the show season last fall.

THE KANSAS INDUSTRIALIST

Volume 55

Kansas State Agricultural College, Manhattan, Wednesday, January 23, 1929

Number 16

ELECTRICIANS COMING TO SCHOOL NEXT WEEK

WILL ATTEND ILLUMINATION SHORT COURSE

College Faculty Members and Commercial Concerns Cooperate to Offer Three Day Instruction in Theory and Practice

Electrical contractors and dealers in public utilities will attend a three day lighting school or course in illumination at the Kansas State Agricultural college next week, January 28, 29, and 30. It is the first school of its kind ever offered by the electrical engineering department, the program having been arranged by Prof. O. D. Hunt.

DISCUSS THEORY, PRACTICE

The program will cover the general theory and applications of incandescent lighting. The story begins with eye troubles and the physiology of the eye. Evils of artificial illumination are to be pointed out and discussed. Then the fundamentals of good lighting will be explained and applied to the various fields of artificial illumination.

The program provides for lectures, displays, inspection trips, and problem periods. Part of these periods will be used for discussion.

The electrical engineering offices, class rooms, and shops contain representative lighting installations. The illumination laboratory is equipped with various light measuring instruments and many different lighting fixtures. In addition, much equipment will be furnished through the courtesy of the following companies:

Crouse-Hinds company, Curtis Lighting, Inc., Edwin F. Guth and company, General Electric company, Lightolier company, The Miller company, National Lamp works, and the Westinghouse Electric and Manufacturing company.

COVER ALL LIGHT PROBLEMS

Many members of the college engineering faculty and representatives of commercial electrical companies will speak on subjects listed in the following abbreviated outline of the program:

MONDAY

- 9:00—Registration.
- 9:30—Address of welcome.
- 9:45—Purpose of the course.
- 10:00—Light and vision.
- 11:00—Lamps.
- 1:30—Reflecting and diffusing equipment and application in fixtures.
- 2:30—Fundamentals of illumination design.
- 3:30—Store lighting.

TUESDAY

- 8:30—Automobile lighting.
- 9:00—Industrial lighting.
- 11:00—Traffic control.
- 1:30—Office and school lighting.
- 3:30—The application of indirect lighting for offices and schools.
- 4:15—Farm lighting.
- 6:00—Dinner.
- Inspection trip to buildings and homes having model lighting systems.

WEDNESDAY

- 8:30—Residence lighting.
- 9:30—Lighting for special occasions.
- 10:00—Flood lighting.
- 10:30—Aviation lighting.
- 11:00—Street lighting.
- 1:30—Program for the afternoon to be arranged by a committee representing the public utilities and contractors.

McMILLIN WILL COACH WILDCATS NEXT SEASON

Football Mentor Decides to Stay After Conference With Texas Christian University Officials

After a conference last week with members of the athletic board of Texas Christian university at Fort Worth, Head Coach A. N. (Bo) McMillin announced that he would remain with the Kansas Aggies for at least another season. The coaching position at T. C. U. was left vacant by the resignation of Madison (Matty) Bell, who went to the Texas Aggies.

Fort Worth is McMillin's home, and his small daughter, Bo-Peep, lives there with his sister. McMillin is a widower.

"The position there naturally had a great many attractions for me, but

I felt and have felt ever since the matter came up that my place was at Manhattan next year," McMillin said. "I'm glad to be back and have it all settled."

M. F. Ahearn, director of athletics, expressed the pleasure of himself and other members of the department at McMillin's decision. "We like 'Bo' as a coach and as a man, and would like to see him stay for a good many seasons," said "Mike."

Though McMillin would not discuss the financial aspect of the T. C. U. position, it is understood that it was very attractive.

AGGIE STUDENTS HARD WORKERS THIS YEAR

Nearly 1,370 Are Either Partially or Entirely Self-Supporting—1,100 Men Working

Of the students enrolled at K. S. A. C. at present, 1,369 are partially or entirely self-supporting, records kept by the office of the dean of women, the registrar, and the college Y. M. C. A. show.

The number of men students working their way through college is many times that of women students, 1,114 of the men being partially or entirely self-supporting while 255 women students work their way. Of the women, 151 earn their way without help and 104 are partially self-supporting.

Men students who are full self-supporting number 783. Those who work part-time number 331.

The women students are paid 35 to 55 cents an hour for stenographic work, the earnings varying with the experience and efficiency of the individual. The girls average four hours of such work each day. Others who do housework are paid 30 cents an hour. An average of about 25 women students work in private homes for their board and room, allowing about four hours a day for their outside duties.

The eleven hundred men students do all sorts of regular labor and odd jobs at wages varying from 30 to 50 cents an hour. In general the unskilled worker is paid about 30 cents, while more skilled service draws higher pay.

SEVERAL TRACK MEN TO KANSAS CITY MEET

Haylett Works With Prospective Entrants in Kansas City Athletic Club Indoor Event

Several Kansas Aggie track men will be sent to the Kansas City Athletic club's indoor invitation meet in Kansas City February 9, according to announcement of Track Coach Haylett. A board track of the approximate dimensions of the Convention hall track in Kansas City is being used for workouts.

In the spotlight the Aggies will enter George Lyon, Manhattan, holder of the college indoor record of 43 ft. 5 1/2 in., and J. E. Smith, Woodward, Okla.

Temple Winburn, De Kalb, Mo., track captain, will run in the 600 yard Shannon Douglas cup race, and H. S. Miller, Kansas City, captain-elect of the cross country teams, will enter the mile run.

Three men are competitors for the privilege of entering the two mile special race. They are John Hoynes, Salina; Henry Gile, Scandia, and L. A. Will, Denison. Only one will be sent. Will is a former letter man at Tarkio, Mo.

Quarter and half mile entries will be picked from the following: Ansel Meyers, Haven; C. E. Nutter, Falls City, Neb.; E. G. Skeen, Eskridge; James Yeager, Bazaar; Cedric McIlvain, Smith Center. E. L. Ross, Ashland, is a probable 50 yard dash man.

H. K. Richwine, Holcomb, and Henry Bagley, Manhattan, are probable entries in the pole vault and high jump, respectively.

CONTESTS TO FEATURE FARM HOME PROGRAM

HOMEMAKERS AND KINGS DUE RECOGNITION

Four Day Schedule Centers Around the Dairy, Poultry Flock, Livestock, and Crops—Rural Women Get Special Attention

Kansas will acclaim and add to her honor roll new champions of the soil and home during Farm and Home week at the college, February 5-8.

First on that scroll of deserving winners will be inscribed the names of the champion homemakers of Kansas at the evening assembly February 5. These outstanding homemakers of the state will have gained the place of honor through excellency in home-making, leadership in their community, and for their efforts in building up and maintaining a high standard in rural America.

HOLD ANNUAL BANQUET

Each year one night is set aside for announcing other champions who have won first place through significant achievements. Friday, February 8, during the Farm and Home week banquet, the newly elected champions will claim their crowns. That list will include the champion wheat grower of Kansas for 1928; champion corn grower of Kansas for 1928; and winners in the lime and legume contest.

From 20 county wheat champions who were elected the past summer will be chosen the new 1928 wheat king. That honor for the past year has been held by Herman Praeger of Claflin, Barton county.

Features of the corn show and corn entries leading to the election of the corn champion include the Kansas Blue Ribbon Corn show, Five Acre Corn contest, and the Blue Ribbon Corn Judging contest. Farm and Home week visitors have been invited to participate in the Blue Ribbon Corn Judging contest, February 5, 6, and 7. New members of the One Hundred Bushel Corn club will be announced at the banquet.

EXPECT GOOD ATTENDANCE

Following the regular custom of setting aside certain days of the week for various phases of farming, Tuesday has been made poultry day; Wednesday, dairy day; Thursday, livestock day; and Friday, crops day. The last three days of the week have been arranged to carry a full program for study and entertainment by homemakers who gather at the college. Home economic specialists will have charge of the housewives' program.

An evening session, February 6, has been set aside for the meetings of various dairy associations. Those organizations holding meetings at this time are the Kansas Jersey Cattle club; Kansas Ayrshire Breeders' association; Kansas Guernsey Cattle club; and the Holstein-Friesian association of Kansas.

Last year more than 1,000 farmers and homemakers were present to take part in the week's program. L. C. Williams, extension specialist in charge of Farm and Home week, has expressed the belief that attendance this year will far outdistance last year's record.

CALIFORNIA NEXT FOE OF WILDCAT DEBATERS

Naval Bill Requesting More Cruisers Is Subject for Discussion Night of January 27

A debate between the University of California and the Kansas State Agricultural college will be held in the First Christian church here Sunday evening, January 27, at which time Margaret Plummer, Newton, and Harold Huges, Manhattan, will argue against the enactment of the cruiser bill now before Congress.

On January 11 a team composed of James Taylor, Manhattan; J. S.

Challans, Halstead, and C. J. Goering, Moundridge, debated Creighton university of Omaha at Topeka, on the parliamentary versus the presidential form of government. Creighton university won the debate by a 2 to 1 decision.

The radio debate broadcast from Station KSAC on Wednesday, January 9, in which Margaret Plummer, Newton, and Blanche Hemmer, Medicine Lodge, upheld the affirmative on the parliamentary government question against a team from Hastings, Neb., resulted in a 16 to 11 decision favoring the affirmative. Only votes sent in by high school debate coaches were counted.

Two freshman practice debates will be held here on the afternoon of February 4 with teams from Bethany and Park colleges, using the question, "Resolved, That a Substitute Should Be Found for the Jury System." Members of both the freshmen and the varsity squads will be expected to attend these debates.

Other debates scheduled include meetings with the Universities of Colorado, Wyoming, Oklahoma, Kansas, Missouri, Mississippi, and Florida and Vanderbilt university, Southwestern college and Friends.

AGGIE GRAPPLERS TRIM JAYHAWK TEAM, 20-8

Patterson's Team Wins Six of Eight Matches for Third Consecutive Victory

The Kansas Aggie wrestling team ran its victory string to three straight Saturday night by defeating the University of Kansas team 20 to 8. Each team won a fall, and the Aggies won five matches on time decision to one for the Jayhawks.

Coach B. R. Patterson's team has to its credit victories from Purdue, Kansas Teachers of Pittsburg, and Kansas U., and lost to Indiana. It has scored 82 points to opponents' 32. The next meet will be with Missouri at Manhattan, February 2.

The summary:

- 115 pounds—W. L. Anderson, Jayhawk, defeated K. J. Latimer, Humboldt, Aggies. Time advantage 1:30.
- 125 pounds—W. W. Gosney, Goddard, Aggies, defeated F. A. Rice, Jayhawk. Time advantage 5:00.
- 135 pounds—Albert Brown, Manhattan, Aggies, defeated Ben Stough, Jayhawk. Time advantage 6:54.
- 145 pounds—Sam Alsop, Wakefield, Aggies, defeated Tom Cox, Jayhawk. Time advantage 2:45.
- 165 pounds—Steve Church, Jayhawk, threw William Chapman, Wichita, Aggies. Time 9:24.
- 175 pounds—R. L. McKibben, Kansas City, Aggies, defeated Carl Cummings, Jayhawk. Time advantage 4:44.
- Heavyweight—C. H. Errington, Ruleton, Aggies, threw Lloyd Hatton, Jayhawk. Time 2:33.

ARCHITECTS ARRANGE SPRING EXHIBIT SERIES

Works of Sandzen, the Charmans, Seward, and Helm Will Go On Display

The department of architecture has announced a series of exhibits to be held in the library gallery during the next semester. Work of three important Kansas artists and two eastern ones will be shown.

A Sandzen exhibit will come first, February 4 to 16. It will include etchings, lithographs, wood cuts, and water colors. Mr. and Mrs. F. Montague Charman of Syracuse, N. Y., will show about 40 water colors from March 18 to 30. A second prominent Kansas artist, C. A. Seward, Wichita, will send etchings and lithographs for April 1 to 13.

These exhibits by guest artists will be followed by a showing in May of work by Prof. John F. Helm, jr., of this college.

Give Music Recital

Miss Marion Pelton, pianist; Miss Hilda Grossmann, contralto, and Charles Stratton, accompanist, were presented in recital by the college department of music Sunday, January 20. The next recital will be by the college string trio, with Myron Russell, oboist, on Sunday, January 27, at 4 o'clock.

FACULTY WIVES HONOR EIGHT JUDGING TEAMS

ENTERTAIN AT ANNUAL BANQUET IN CAFETERIA

Dean Call Introduces Schultis, Koehler, Freeman, Scheel, Abell, Funk, Stewart, and Miss Long as High Individuals

Members of eight intercollegiate judging teams of the Kansas State Agricultural college were entertained at the college cafeteria last Saturday evening by Mrs. F. D. Farrell and wives of the heads of departments in the division of agriculture. The eight judging teams included those students who have represented the college this school year in intercollegiate competition.

FARRELL ADDRESSES JUDGES

The banquet was followed by a program over which Dean L. E. Call of the division of agriculture presided as toastmaster. He gave a brief summary of records made by the K. S. A. C. judging teams this season. President F. D. Farrell spoke briefly on the value of judging work to the participating individuals.

The women who sponsored the entertainment were Mrs. F. D. Farrell, Mrs. L. E. Call, Mrs. C. W. McCampbell, Mrs. J. B. Fitch, Mrs. L. F. Payne, Mrs. Albert Dickens, and Mrs. R. I. Throckmorton.

The high individual on each team was introduced by Dean Call and he in turn introduced the coach and team mates. High individuals on various teams were Fred Schultis, dairy cattle; Leonard Koehler, apple; T. R. Freeman, dairy products; Dale Scheel, men's meats judging; H. C. Abell, crops; O. E. Funk, livestock; Genevieve Long, girl's meats judging; and S. R. Stewart, poultry.

THE STAFF COACHES

Coaches of the teams were Prof. H. W. Cave, dairy cattle; Prof. W. F. Pickett, apple; Prof. W. H. Martin, dairy products; Prof. D. L. Mackintosh, meats judging; Prof. C. W. Zahnley, crops; Prof. F. W. Bell, livestock; and Prof. H. M. Scott, poultry.

The following judges were guests: Livestock judging team—O. E. Funk, Marion; Dale Scheel, Emporia; Edward Crawford, Stafford; W. H. Lee, Keats; F. W. ImMasche, Saffordville; S. S. Bergsma, Lucas; and I. K. Tompkins, Byers.

Men's meats judging team—Dale Scheel, Emporia; O. E. Funk, Marion; I. K. Tompkins, Byers; F. Hedstrom, Manhattan; and S. R. Bellamy, Meade.

Poultry judging team—S. R. Stewart, Vermillion; R. W. O'Hara, Blue Mound; F. J. Raleigh, Clyde; and M. K. Fergus, Garnett.

Apple judging team—L. W. Koehler, Manhattan; Sam Kelly, Manhattan; T. F. Winburn, De Kalb, Mo.; and Omar Buzard, Cameron, Mo.

Crops judging team—H. C. Abell, Riley; L. P. Reitz, Belle Plaine; George J. Casper, Alida; and Hobart P. Blasdel, Sylvia.

Dairy products team—T. R. Freeman, West Plains, Mo.; T. W. Kirtan, Amber, Okla.; and T. M. Mannen, Lincoln.

Women's meats judging team—Genevieve Long, Haviland; Arlee Murphey, Protection; Jessie Stewart, Maple Hill; and Opal Dougherty, Manhattan.

Dairy cattle judging team—Fredrick Schultis, Sylvan Grove; J. F. True, Perry; M. G. Mundhenke, Lewis; and Ray Remsberg, La Harpe.

Reed Judges Sheep

Judging of the sheep classes at the Western National Livestock show held in Denver last week was done by Prof. H. E. Reed, of the animal husbandry department. Professor Reed was to visit the sheep feeding sections of northern Colorado, the King sheep ranch in Wyoming, and the Wyoming Agricultural college, on the trip.

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT... Editor-in-Chief
C. E. ROGERS... Managing Editor
F. E. CHARLES, LILLIAN HUGHES NEIS-
WANGER, R. I. THACKREY... Assoc. Editors
KENNEY FORD... Alumni Editor
J. D. WALTERS... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918. Act of July 16, 1894.



WEDNESDAY, JANUARY 23, 1929

TEA FOR HE-MEN

We are inclined to anticipate great things in the wake of the new tea room on the campus. Or perhaps desire makes us optimistic. At any rate picture the student body dropping in, in small, intellectual groups, to philosophize on all the world's eternal problems over a cup of tea. Rather a different afternoon campus atmosphere than comes from dashing down to the confectionery to concentrate on the one eternal question of how best to display "it."

Perhaps the serious discussions are immature and fall utterly to change the world one iota. But somehow youth doesn't seem wholesome without the discussions.

There is something enviable about the eastern college life where point of view permits a "he-man" to enjoy an artistic room and a cup of tea without appearing effeminate, or considering himself so. There seems to be something in the mores out here which quite requires a man to scoff at the very word tea.

Where is the concept of the man who can come in from the athletic field or college farm or scientific laboratory, when the day's work is over or needs a recreational break, and assume with ease and pleasure the niceties, elegances, and conversational wit of social life? College students should be subjected to such ambitions.

WILL IT BE "SILENT HERB?"

It is commonly maintained that the real issues in an American election are personalities rather than platforms and policies. Those who so regard our elections quite generally view this condition with lamentation and regret.

And yet a great deal can be said in favor of voting for personalities as issues. How differently did the personalities of Roosevelt, Wilson, Harding, and Coolidge govern developments and mould events!

For instance, the directness of the relations between the people and their executive and the degree of their control over him is largely dependent upon the personality of the president.

The nexus through which this relationship works out is the press conference.

Roosevelt, the intense, the partisan, gave his interviews to a few selected friends among the representatives of the press. Wilson, the trained thinker of nimble wit, conversed in impromptu and democratic give and take manner with all of the Washington correspondents. The more ponderous Harding attempted this but found the method his nemesis and took refuge behind the requirement that the press representatives present signed written questions from which he might select, and over which he might study before finally venturing an opinion.

Coolidge, the silent, followed this method instituted by Harding, doubly fortified by the ancient fiction, the White House Spokesman.

The question now arises as to what will be Hoover's relations with the people through the press. Will Hoover, the expert, accept the view of the sophisticated specialist that

the people, being swayed by prejudice and sentiment, are quite incapable of understanding, much less solving, the complicated problems of modern government? The natural result of such a view would be the complete abolition of the press conference. There is no law requiring a president to inform the public regarding his views.

Such facts as Hoover's failure to hold a single press conference during his ten days in Washington following the South American trip arouse fear that as president he may be even more reticent than Coolidge.

However, his silence to date may well be regarded as discreet deference to the unfinished Coolidge administration. Moreover, as secretary of commerce he maintained open and cordial relations with the press.

Few expect a return to the very free and open discussion which Wilson permitted. But it is to be hoped that a somewhat more liberal policy than the present one may be adopted. By stating his opinions and plans the executive has the great advantage of receiving public approval or disapproval before the final, irrevocable decision is made. Through their opportunity to express satisfaction or dissatisfaction the will of the people is made more effective and democracy becomes a truer concept.

We do not yet know Mr. Hoover as president, but we may hope that in the interest of popular government he is the kind of a person who can and will establish cordial and liberal relations with the men who give us our news.

BOOKS

Another Geneticist Tries Popularizing

"How We Inherit," by Edgar Altenburg. Henry Holt and Co. N. Y.

Popularization of genetics through human appeal seems to be the motto of Edgar Altenburg in the new book, "How We Inherit." For the layman who boasts little or no knowledge of biology, there is a wealth of information to be garnered therefrom and an even greater web of conjectures for the fanciful and imaginative mind to revel in.

Though popular in style of presentation and appeal, the book is sound genetically and should not be thought of as being in the same class as the numerous MacFadden publications. Careful analysis of the book leads to a belief in the sincerity and devotion on the part of the author to the science which he is discussing. It is true that he has erred in adopting flagrant misuses of the English language, doubly inexcusable because they add nothing to the clarity or simplicity of expression; but that is only secondary in this consideration.

The author has been especially tactful in the use of homely illustrations. The whole book owes its appeal to this clever use of analogy drawn from everyday experiences and contacts. Of equal interest is the simple language employed in the definition of common biological and genetic terms. No effort has been made to shy away from them, be they definitions or complicated sounding hypotheses; and they are thrust upon the reader with such mellow grace that he has no desire to pass them by unheeded and as of no consequence to the vital subject matter. On disputable questions such as the influence of environment, great care is exercised and the issue is left unsolved with the use of some such phrase as "not definitely known." Frequent interpolation with inductive possibilities, however, serves to carry the interest beyond such unsolved chapters of the science.

What then do we inherit? The answer is genes. Of course that term includes a multitude of complex complements, familiar to the student of genetics but not so to the man of the world. Does he know that the sex of his child is determined by the male gametophyte; that certain traits such as color blindness are associated with sex in such a way that a father transmits them only to a daughter; that the brain cells in man are fully formed (in numbers) at the time of birth; that it is impossible to segregate pure types from a negro and white cross due to the multitude of contrasted characteristics; that feeble mindedness appears to be a mutation and that it

is inherited as a recessive characteristic? That is the nature of the subject matter.

Geneticists might question the statement that "mutations are probably the source of all new forms of life," yet Altenburg revels in it. When other possibilities are presented they are generally torn to shreds, bit by bit, and then rebuilt in the light of a mutation hypothesis.

The reader might question what encouragement for improvement the author has to offer the human race. Nothing very exciting. Being an ardent mutationist (yet mindful of the fact that most mutations are degenerative) he naturally visions some chance for advancement in that field. Selection, it is pointed out, might be advantageous for a time but it is bounded by definite limitations. In keeping with social welfare problems, the author points out the advantages of legal and popular con-

and his shortcomings, will do him an injustice. —John R. Harrison. '88, in the Beloit Gazette.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Rose Straka, '18, was hospital dietitian at Camp Cody, N. M.

Gilbert H. Sechrist, '16, was an instructor in the Louisiana Industrial institute.

H. J. Pellet, '93, was residing with his family at 174 North Bonnie avenue, Pasadena, Cal.

Captain R. E. McGarraugh, '17, was stationed at Camp Eustis, Va. He had recently spent a day with Lieutenant Leo C. Moser, '18, who was chief inspector of stores at Peniman, Va.

TWENTY YEARS AGO

Professor Dickens was reelected secretary and treasurer of the Kan-

K. S. A. C. Host to Many

The Thirty-Second Biennial Report of the Kansas State Agricultural College

One of the important features of the resident instruction provided by the college is that in which groups of citizens having highly specialized interests come to the campus or to one of the branch experiment stations for short periods of intensive instruction in the subjects in which they are respectively interested. Each group remains at the college for periods ranging in length from one day to a week or longer. Many of these groups return year after year and so manifest their interest in the work.

The general public probably does not appreciate fully either the extent or the value of the short-period resident instruction that the college provides. Appreciation of this service is growing, however, and increasing numbers of people and of organizations are utilizing the service. During the past two years no fewer than 57 groups containing an aggregate of at least 25,000 people came to the college to attend the schools or meetings at which the intensive specialized instruction was provided. Of the 57 groups, 33 came to the campus both years.

trol of the reproductive functions of defectives.

As I closed the book, I could not help but wonder what the whole effect would be upon the unrestrained layman. Here he is wantonly exposed to the science of genetics, clothed in the philosophical raiment and purporting to encourage speculation. Is this the safe, sure way to promote the cause of genetics? Perhaps the birthright has been sacrificed for a mess of pottage.

—C. A. Suneson.

LINCOLN'S MISTAKES OVERLOOKED

The Gettysburg address now ranks very high, but we have always believed that this result is due in a large measure to the immortal fame of Lincoln. As a boy, we heard John W. Webb, a very conservative and well informed bank cashier of Manhattan, give his impressions of the Gettysburg exercises. According to Mr. Webb, the effect produced upon the audience by Edward Everett was much greater than that of Lincoln, and anyone familiar with the reputation of Edward Everett as the most finished orator of his day can well believe this statement. Mr. Webb said that when Edward Everett raised his hands above his head as he described Pickett's charge, it seemed as if the Confederates were actually coming out of the woods so great was the effect upon the audience.

In a recent article in the Kansas City Star, D. R. Gordon, a leading citizen and a former postmaster of Abilene, says that he heard every word of the Lincoln address and that there was no applause. That Lincoln considered his address anything except the success that it is now rated, has some evidence to support it.

The facts are that Abraham Lincoln looms so great his mistakes are entirely overlooked and many things that he did are given an importance they do not deserve. Lincoln was essentially human in his make-up, and any estimate of him that seeks to make him a god and that does not take into consideration his mistakes

sas Good Roads association at Topeka during state board week.

The following were chosen to represent the different literary societies in the oratorical contest: Hamiltons, J. Z. Martin; Ionians, Stella Hawkins; Websters, Harry Caldwell; Eurodelphians, Georgie Randels; Alpha Betas, D. C. Bascom; Franklins, Jim Daniels; and Athenians, Fritz Harri.

THIRTY YEARS AGO

John H. Calvin, '84, died at Topeka. Following graduation he studied law and was admitted to the bar in July, 1886. He was married the same year to F. Henrietta Willard, '86.

The following appeared in the Manhattan Republic regarding the chrysanthemum exhibit given by the horticultural department: The show was a delightful success in every particular and greatly appreciated. Five hundred people were present at the lecture in chapel. The principal feature of the exhibition was the showing of the different steps in chrysanthemum culture.

FORTY YEARS AGO

President Fairchild and Professors Lantz and Kellerman represented the college in a farmers' institute at Vinland.

The Wichita Commercial and the Enterprise Kansas Miller gave illustrated accounts of the college and its work.

Professor Olin gave the first lecture in the regular winter course conducted at Fort Riley by Chaplain J. D. Parker.

FIFTY YEARS AGO

Professor D. Hungerford was elected probate judge to temporarily occupy Captain Spilman's office, while the latter attended the legislature.

The following new students had been enrolled: Frank C. Abbott and Cora L. Snow, Riley county; Jennie S. Platt, Wabaunsee; and George L. Sigman, Chautauqua.

PLEA

Louise Anderson in University of Washington Poems

If from my dust would spring a flower
You'd place upon your hair,
Or after dwelling long on earth,
A gem that you could wear;

Or if I grew in blue-flowered flax,
That wove a linen sheet
Whereon you dreamed—why I would die
And think such death were sweet.

But since you will have long been dead
Before I know rebirth,
O cast aside your fearful scorn
And use me here on earth!

SUNFLOWERS

H. W. D.

TWO STALWARTS

In an age of rampant scientific discovery and invention one is frequently tempted to take up with the mistaken notion that everything is rapidly transforming itself—or is being transformed—into something else.

The weather and human conduct, however, are still on their feet smiling, thank you.

Despite the fact that science has learned a few things about the weather and one or two about human behavior—or pretends to have done so—these two imponderables can still be relied upon to behave just about as always.

Which may amount to nothing, just as it seems to do. All the same, one with a non-scientific turn of mind has something thereupon to chuckle about. And things to chuckle about are rare, particularly if one happens not to believe that superior intellects in this day and age run exclusively to test tubes and Bunsen burners.

Which, in turn, may amount to less than nothing.

But what we started to say, before we got derailed, is that this recent spell of slickish, frigid winter weather has convinced us, for one, that weather—good, old-fashioned winter weather—is just as virile as it ever was, and that the old timers, who have been trying off and on to give the impression that winters are not what they used to be, are wrong.

The weather refuses to be refined. In spite of all the meteorologists can do, in spite of all the data they have filed away, in spite of the high correctness of their prognostications as admitted in their own claims, the weather stumbles cantankerously on. And you who have been slipping off sidewalks and sliding into curbs for the past few days are well aware that we don't mean maybe.

What we are pleased about is that weather still has its old kick, and hasn't become flabby, like housekeeping and transportation and communication and moral stamina and auction bridge and residence illumination. The scientists may know an awful lot about weather, but all they can do about it is to advertise the fact.

And every day we run into a dozen things or more that remind us of the dependable irrationality of human behavior. In spite of all the Introspectionists and the Freudians and the Behaviorists and the Gestaltists have released about human conduct, people carry on in the same idiotic manner.

The psychologists know everything about us, seemingly, but glory be! they can't do anything about it.

Now just how such a cerebral spasm as this should be hearsed and buried we know not. Maybe it shouldn't be, but of course it will.

However, it is comforting to think now and then that the weather and human conduct are still to be depended upon to remain what they are and are not, scientific progress to the contrary notwithstanding.

Reviewers are usually people who would have been poets, historians, biographers, if they could; they have tried their talents at one or the other, and have failed; therefore they turn critics.

—Coleridge.

AMONG THE ALUMNI

Harvey Johnson, '27, is located at 727 West High, Jefferson City, Mo.

H. D. O'Brien, '11, has left Luray, to locate in the vicinity of Detroit, Mich., for veterinary practice.

Roy Wilkins, '09, is a chemist for the state grain inspection department, Board of Trade building, Kansas City, Mo.

Margaret Koenig, '28, was recently appointed home demonstration agent for Clay county. Her address is in care of the farm bureau, Clay Center.

Vera Frances Howard, '28, is assistant director of the agricultural college cafeteria in Lincoln, Neb. Her address is 3451 Dudley street, Lincoln.

Grace Gish, '20, Abilene, visited in Manhattan recently, while on vacation. Miss Gish is taking graduate work at the University of Chicago this year.

Martin H. Roepke, '28, has an assistantship in the chemistry department of Illinois university. His address is 506 East Stoughton street, Champaign.

Earl G. Johnson, '25, has resigned from the teaching staff of Iowa State college to accept a position in the agricultural engineering department of Missouri university.

Chas. H. Scholer, '14, head of the applied mechanics department at K. S. A. C., attended the annual meeting of the Kansas Engineering association in Wichita, last week.

Joe Haines, '26, and Mrs. Haines have left Manhattan to make their home in Abilene. Mr. Haines has been transferred to Abilene by the United Telephone company.

George F. Haas, '14, and family of Veteran, Wyo., visited in Manhattan during the holidays. Mr. Haas operates an irrigated farm devoted chiefly to the raising of sugar beets.

W. A. Pulver, '12, has accepted the position of veterinarian for the Central Shuey ranch at Brentwood, Cal. This ranch is the property of the Golden State Milk Products company.

Alma Pile, '17, of Liberal visited at K. S. A. C. recently. Miss Pile is having a vacation from teaching and is to be a clerk in the office of the state treasurer for the next two years.

Alex F. Rehberg, '25, is working in the electrical engineering department, Outside Plant bureau, Brooklyn Edison company, New York City. His address is 357 Ninth street, Brooklyn.

E. F. Pile, '16, representative from Seward, has introduced a bill in the house, asking a degree from a college of veterinary medicine a requirement for the position of state livestock sanitary commissioner.

Lorena B. Taylor, '14, for the past several years engaged in missionary work in Punjab, India, is on furlough to the United States. Her address is Minneola where she writes she is enjoying the snow and cold weather.

Harry M. Ziegler, '14, vice-president and general manager of the Mission laboratories in Kansas City, finds time to interest prospective students in K. S. A. C. He asks that a catalog be sent him so he may become familiar with new curricula.

Three Aggies are now on the staff of the Virginia Polytechnic institute, Blacksburg, Va. They are Edwin C. Magill, '12, professor of agricultural education; R. E. Hunt, '11, professor of animal husbandry; and Percy Potter, '11, '16, professor of agricultural engineering.

MARRIAGES

CARLSON—McCARTHY

The marriage of Nellie Carlson, f. s., and Chas. M. McCarthy, took place on December 26 at Lillis. Mr. and Mrs. McCarthy are at home on a farm near Vermillion.

HORNEY—SKINNER

The marriage of Thelma Horney and Maurice Skinner, f. s., both of Medicine Lodge, took place on De-

cember 2 in Newton. Mr. and Mrs. Skinner are making their home in Medicine Lodge.

WILCOX—HOLM

The marriage of Hypatia Jeanne Wilcox, '28, of Wichita, to Lionel C. Holm, '26, took place on November 21, at the home of the bride's parents. Mr. and Mrs. Holm are making their home at Vesper.

SPENCE—FAIR

The marriage of Elda Spence of Oxford to Waldron Fair, '26, Medicine Lodge, took place on November 26 in Wichita. Mr. Fair is employed in a furniture store in Medicine Lodge, where they are making their home.

STONE—LeVITT

Mr. and Mrs. Russell Stone of Abilene announce the marriage of their daughter, Verne, f. s., to Mr. Gray LeVitt, '25, at their home on December 22. After spending two weeks in New Orleans Mr. and Mrs. LeVitt are at home at 114 N. E. Fourth street, Abilene.

BARE—HALBERT

Mr. and Mrs. J. C. Bare of Protection announce the marriage of their daughter, Nellie, '27, to Rev. Walter P. Halbert, formerly pastor of the First Baptist church in Manhattan, at their home on December 25. Reverend and Mrs. Halbert are now at home at 51 South Home avenue, Franklin, Ind., where Reverend Halbert is pastor of the First Baptist church.

BIRTHS

Prof. Paul Weigel and Marie (Coons) Weigel, '09, announce the birth of their son, John William, on January 7. Professor Weigel is head of the department of architecture at K. S. A. C.

DEATHS

HUGHEY

Harold H. Hughey, f. s., a sophomore in the business school at the University of Kansas, died at Lawrence January 16, of spinal meningitis. His home was at Linwood. Hughey was a member of the Sigma Phi Epsilon fraternity at K. S. A. C.

STROWIG

James H. Strowig, sophomore in commerce at the college, died at 4 o'clock Sunday afternoon at a Manhattan hospital, after an illness of 30 hours. Death was due to simple meningitis, which is not contagious, according to Dr. J. R. Mathews, Riley county health officer. Strowig was the son of Mr. and Mrs. J. W. Strowig of Paxico. He was a member of the Sigma Nu fraternity. Burial was Tuesday, at Paxico.

Davis Goes to Idaho

L. L. Davis, a K. S. A. C. graduate of 1927, has gone to Washington, D. C., where he will make a brief study of his new work at Aberdeen, Ida. Davis will be in charge of the Aberdeen sub-station of the state experiment station.

LOOKING AROUND

KENNEY L. FORD

The K. S. A. C. Alumni association has been made the beneficiary of a large estate in Kansas. This estate includes more than 600 acres of land. A deed in escrow to the land gives the alumni association possession of the land upon the demise of the present owners. This estate is to become a unit in the alumni loan fund and is given by the donor as a memorial to the donor's father—a pioneer Kansas farmer.

Needless to say the givers of this bequest represent the finest and best among our forefathers who have made Kansas a great state and it is their desire to have their estate live on and on, serving and helping worthwhile students at K. S. A. C. in need of financial assistance.

This gift is a fine endorsement of one phase of work carried on by the alumni association. It is interesting to note that the parties concerned in the giving of this estate are not alumni of K. S. A. C. nor to our knowledge of any college. This is a demonstration of confidence in K. S. A. C. and her future.

The alumni office realizes that it can justify its existence only by service to K. S. A. C. and her alumni.

The following letter indicates that we have not reached the state of perfection in our service department.

"This is the third letter I have written requesting that my INDUSTRIALIST be sent to 441 Fourth street, Toledo, Ohio. Each time you have sent me a few back numbers a few weeks old and you stated that my INDUSTRIALIST would be changed to my new address stated above. It continues to go to Iola, Kan., and not through the fault of the Toledo, Ohio, postal department.

"If I cannot receive my INDUSTRIALIST at my present address then please quit sending it to Iola, Kan., because it has never reached me."

To the above writer we would say that such a letter is more than justified. Every member of the alumni association is entitled to his INDUSTRIALIST and we want you to tell us about it if you don't get it. We assure you that ordinarily it won't be necessary to write the third letter.

"The K. S. A. C. alumni in Michigan are planning a banquet to be held in Jackson in February," writes E. K. Emslie, '13, Flint, Mich.

"I shall appreciate it very much if you can send me the names and addresses of any alumni, former students, or faculty members who have come to Michigan during the past year.

"It has been suggested that we try to get a speaker from K. S. A. C. if anyone happens to be coming to this part of the country. We can arrange the date to suit, provided it is a Saturday, and I think the latter half of the month. Any help you can give us will be greatly appreciated."

It is doubtful if a K. S. A. C. faculty member will be available for the Michigan meeting and we regret it very much. However, the fact that alumni groups seldom learn in

advance when faculty members are to visit their communities prompted President F. D. Farrell to send the following statement recently, to the deans and heads of departments at K. S. A. C.

"It has been suggested by several of our alumni that whenever a faculty member expects to make a trip, particularly to points outside the state, he inform the alumni secretary as far in advance as possible so that the secretary may inform representatives of the alumni group in the towns to be visited by the faculty member. This would facilitate the making of arrangements for dinners or other meetings at which alumni groups could meet faculty members.

"It seems to me that this suggestion is an excellent one, and I wish to request that you and those under your direction cooperate with the alumni secretary in placing it into effect."

Dr. Howard T. Hill, head of the department of public speaking, is the first to respond to the president's request. Doctor Hill's schedule at present is:

Little Rock, Ark.—January 30-31 (Could be there January 29, but could not stay over after February 1, and will be pretty busy the thirtieth and thirty-first).

Wichita—February 12. Speaking at banquet of the State Retailers association. Would be able to arrange something the day before or day after, or possibly at noon on February 12.

Kansas City, Mo.—Will address a meeting of the Engineers' club and of the alumni association within the next few weeks.

St. Louis, Mo.—Will attend the Missouri Valley Oratorical and Extempore Speech contest Thursday, March 21. Probably available March 22, but not March 20 or previously.

Milwaukee, Wis.—Attending Kiwanis International convention June 23-27, inclusive.

Ithaca, N. Y.—Not definite, but hopes to attend national conclave of Acacia, August 19-24.

Hot Springs, Ark.—Will attend Missouri-Kansas-Arkansas district Kiwanis convention October 14-15-16.

Alumni groups in the communities visited by Doctor Hill may well arrange an alumni meeting with a fine address assured, by holding the meeting at the time suggested by Doctor Hill. Travel schedules of other faculty members will be available to alumni soon.

Mercury Reminisces

The "Twenty Years Ago" column in the Manhattan Mercury recently carried the following item: "The boys of the football team have elected John Gingery to captain them next fall. The election was unanimous and was a lasting recognition of the great work done by 'Big John,' the tackle this year. 'Ging' is greatly admired by his teammates both in football clothes and out of them." J. B. Gingery, '10, 302 East Second street, Muscatine, Iowa, is the football star referred to above.

Barnes a Busy Man

A. K. Barnes, f. s., Alma, senator from the twenty-first district, has been appointed a member of six committees in the state senate, and is chairman of the state library committee. Mr. Barnes' committees are claims and accounts, educational institutions, irrigation, manufacturing and industrial pursuits, military affairs, and library.

Style Show in Calvin

A style show was given in Calvin hall last Tuesday afternoon by Miss Elizabeth Quinlan's class in Clothing III. Students in the class designed dresses to suit their own personalities.

Grimes on Washington Trip

Dr. W. E. Grimes, head of the department of agricultural economics, is in Washington, D. C., this week attending a meeting of economists who are considering the market outlook for 1929.

Fitch Judges at Denver

Prof. J. B. Fitch, head of the college dairy department, was judge of dairy cattle at the Western National Livestock show in Denver recently.

RECENT HAPPENINGS ON THE HILL

A course in descriptive astronomy is being offered by the physics department next semester.

Beauvais, dancing fraternity, will give its second party Monday, January 28, at Hotel Wareham.

The annual between semester retreat of the Y. M. C. A. will be held at Wamego, Monday, January 28.

The annual Quill club banquet was held in the crystal dining room of the Hotel Wareham Monday evening, January 14.

The Kaggie athletic club, champions of the independent division of the intramural league, defeated Beta Theta Pi, pan-hellenic champions, 25 to 18 in the college championship basketball game last week.

Landscaping plans made for the athletic field of the Abilene city schools by college horticulture students were accepted recently by the Abilene school board. The tract is a block and a half long and a block wide.

Helen Trembly, Hutchinson, was elected president of the Eurodelphian literary society at a recent meeting. New pledges are: Bernice Bender, Holton; Frances Wentz, Ames; Janice Fisher, Beverly; Alice Tribble, Circleville; Bertha Zimmers, Hiawatha; Thelma McClure, Hutchinson.

John Chandley, Kansas City, was elected editor of the Kansas State Collegian for the first nine weeks of the second semester, at a meeting of the Collegian board last week. Solon Kimball, Manhattan, was re-elected as business manager, John Watson, Frankfort, will be assistant editor.

Alpha Kappa Psi, honorary commerce fraternity, initiated the following persons January 15: Charles Koester, Marysville; Edward Carnal, Salina; Gordon Blair, Junction City; Robert Myers, Manhattan; Frank Parshall, Manhattan; Delbert Yeakley, Hoisington; Alton Husher, Concordia; Gordon Mark, Abilene.

DEAN HOLTON HEADS EDUCATION ASSOCIATION

College Faculty Member Elevated to Presidency of National Department Organization

Dean E. L. Holton of the department of education, was elected president of the Association of Departments of Education in state universities and land grant colleges at its annual meeting in Chicago, last month. W. E. Searson, dean of education at the University of Nebraska, is secretary of the association.

The association is composed of 60 men from over the United States who are attempting scientific study of the problem of American education, especially from the standpoint of improving teaching.

Another session of the association will be held in Cleveland February 23 and 24.

COOPERATIVE TESTS SHED LIGHT ON SOYBEAN YIELDS

A. K., Morse, Peking, and Manchou Good in Eastern Kansas

Soybean variety tests made cooperatively by farmers, county farm bureaus, and vocational agriculture schools in eastern Kansas have shown that several varieties are well adapted to that part of the state. A. K., Morse, Austin, and Virginia ranked in the order given in grain and hay yield.

A. K. is considered one of the very best, having given the highest grain yield and ranking second in hay yield. Peking is an especially good variety for hay but is only average in yield of grain. Manchou is a good variety for grain but yields only a small amount of hay.

The whole life of a man is but a point of time; let us enjoy it, therefore, while it lasts, and not spend it to no purpose. —Plutarch.

Tests With Ground Squirrels Prove Hibernation Good Method of Reducing

Two recent papers by Dr. George F. Johnson of the department of zoology, have been accepted for publication. One, "A Comparison of the Normal and Hibernating States," has been accepted by the Journal of Experimental Zoology, and another, "Wakening," will appear in the next issue of the American Naturalist.

Doctor Johnson has experimented with the 13-lined ground squirrel since 1914, making the animals hibernate in summer by means of artificial cold. As a result he has noticed three important changes in their internal functioning. "As contrasted with a rate of about 100 to more than 200 respirations a minute in the active ground squirrel, the rate in deeply torpid animals averaged from one-half to 4 a minute," he says. "Heart beats in animals awake and active usually ranged

from 200 to 350 a minute. During hibernation the average dropped to 17.4 a minute, the lowest being 5 a minute.

"Ground squirrels in hibernation may have temperatures ranging from about 32 to 41 degrees. The minimum body temperature in hibernation appears to be between zero and two degrees, centigrade. It is usually about 3 degrees, centigrade. Temperature of the active ground squirrel is about the same as that of the human being, 37 degrees, centigrade."

Hibernation is a great method of "reducing" in ground squirrels, Doctor Johnson says. "They'll lose about 30 to 40 per cent of their weight in a winter. With a very low body temperature there is little need for oxygen and food, and of course the rate of metabolism is slow."

WATER-CEMENT RATIO AFFECTS DURABILITY

SCHOLER STUDIES CONCRETE IN LABORATORY

English Journal Reprints Results of Research at Kansas Engineering Experiment Station—Studies Must Be Continued

Credit for research relative to the effect of alternate freezing and thawing upon concrete is given the department of applied mechanics of the Kansas State Agricultural college in a foremost engineering journal of England, the partial reprint being from an article, "Some Accelerated Freezing and Thawing Tests on Concrete," by Prof. C. H. Scholer, head of the department.

The manuscript by Professor Scholer was delivered before the American Society for Testing Materials and since has been printed in bulletin form.

STUDIED FOUR YEARS

The disintegration of bridge piers over the Arkansas river at Hutchinson and abutments in Clark county had come to the attention of the college department. Since the streams were slightly alkaline, this was thought to be the contributing cause of the breaking down of the concrete. Four years ago Professor Scholer began a study of the situation, conducting both field and laboratory tests to locate the causes involved. Sample specimens of various strength mixtures were suspended at these failing piers and the effect carefully studied. It was soon evident that something other than the chemical contents of the streams were at work.

Accordingly, freezing tests were made at the laboratory and the effect of repeated freezing and thawing of a great variety of specimen mixtures of concrete was tabulated. Some specimens have gone through the cycle of freezing and thawing as many as 300 times, representing many seasons under ordinary conditions. Freezing temperatures as low as 25 degrees F below zero can be maintained in the freezing machine in the laboratory.

Insufficient data have been secured to date from which to draw definite conclusions, but the data thus far obtained lead Professor Scholer to believe that the following conclusions are indicated:

RATIO OF MIX IMPORTANT

That the alternate freezing of saturated concrete at low temperatures and thawing at room temperatures is a valuable means of studying the durability of concrete and concrete aggregates and is worthy of further study.

That variations in the water-cement ratio of plastic workable concrete has a marked effect upon its durability.

That a water-cement ratio of 1.0 is near the maximum permissible for a desirable durability of concrete in exposed situations.

That the use of unsound aggregate produces unsound concrete, the resistance of the mortar to disintegration being only slightly effective in protecting the aggregate.

That the disintegration of concrete through the failure of the mortar is a surface action and the outside is badly disintegrated before the interior is affected.

That the physical characteristics of the mortar after failure are such as to give the impression of chemical or solution action.

That the results secured are comparative only, and that it is not feasible to translate the results into actual length of life under natural conditions.

This work was instigated by the college department, but since that time several other institutions have installed similar equipment to study these same freezing factors of concrete.

Can See Scorer Now

Broad strips of black and white will designate the scorer's bench in all Big Six conference basketball games played in Nichols gymnasium at the Kansas State Agricultural college this fall, according to M. F. Ahearn, director of athletics. The official scorer will wear a sweater, striped with black and white.

Basketball Schedule and Scores

Dec. 21—Kan. Wesleyan, 20; Aggies, 21.
Jan. 7—St. Louis U., 39; Aggies, 22.
Jan. 8—Washington U., 29; Aggies, 30.
Jan. 11—Iowa State, 41; Aggies, 30.
Jan. 12—Creighton, 50; Aggies, 25.
Jan. 15—Oklahoma U., 44; Aggies, 23.
Jan. 19—Missouri U., 51; Aggies, 36.
Jan. 24—Nebraska U., Manhattan.
Feb. 2—Kansas U., Lawrence.
Feb. 9—Missouri U., Manhattan.
Feb. 13—Okla. A. & M., Manhattan.
Feb. 16—Iowa State, Manhattan.
Feb. 23—Oklahoma, Norman.
Feb. 25—Okla. A. & M., Stillwater.
Mar. 2—Nebraska U., Lincoln.
Mar. 5—Kansas U., Lawrence.

RALPH M. NICHOLS DIES IN AUTOMOBILE SMASH

Funeral Services for Aggies' 1923 Football Captain to Be at Oskaloosa Thursday

Ralph Nichols, captain and all-conference tackle on the Kansas Aggie football team in 1923, died Monday at San Angelo, Tex., from injuries received in an automobile accident Sunday night.

Nichols was in charge of geo-physical work in west Texas for the Sun Oil company, having been with that company for the past two years.



R. M. NICHOLS

M. F. Ahearn, head of the department of physical education and athletics, and Frank Root, assistant coach, will attend the funeral Thursday afternoon, in Oskaloosa. The department and friends here will send flowers.

"Nick" was a matchless leader," said Mr. Ahearn.

Nichols was on the all conference team in 1922, his junior year, as well as in the year of his captaincy. He played with the Stark-Swartz-Axline-Clements backfield combination.

FURR IS AUTHOR OF NEW SHORT CUT CURVE METHOD

Writes Article on Alignment Diagram for Vertical Curves

Prof. M. W. Furr of the department of civil engineering is the author of an article appearing recently in the Engineering News Record on the subject "Alignment Diagram for Vertical Curves." The article explains the new short cut method for the solution of parabolic curves for highway grades to insure a 500 foot curve vision.

It is entirely original and was considered valuable enough to be incorporated in the year book printed by the News Record.

PROGRESS OF KANSAS PRESS

F. E. C.

The Klipper, a new paper, has been established at Kismet, in Seward county. It is being printed in the office of the Liberal News.

A. L. Morford has bought the Galena Journal subscription list and will issue that paper from his own job printing shop in that town.

Mrs. Tom Thompson of the Howard Current is the author of an entertaining little book "Grandmother's Rose" which includes several short stories, some sketches, and many of the writer's well-known paragraphs.

In December the Belle Plaine News printed No. 1 of Volume 50. For 35 years J. Byron Cain has been editor and publisher of the News and has done more perhaps than all others to put and keep Belle Plaine on the map.

The Sedan Times-Star has grown and grown, and so has deserved the larger and finer quarters to which it has been moved. It completely outgrew the old location where it had been housed for so many years. C. A. Dunn is editor and publisher.

HELM PICTURES SHOWN BY WASHINGTON CLUB

WATER COLOR AND ETCHING ACCEPTED FOR EXHIBITION

Two Typical Western Scenes Meet Favor of Jury of Selection—One a Painting of Stone Barn Near Keats

Prof. John F. Helm, jr., has two pictures in the annual exhibition of the Washington Water Color club, being held from January 6 to February 3 in Washington. Only four westerners have work in this exhibit.

Entries were passed upon by a jury of nine, including Benson B. Moore, eminent etcher. The relatively small number selected are considered representative of the best work done in water color and etching.

"Winter Sunshine," the 14 by 20 inch water color entry by Professor Helm, was made by him this fall. An old stone barn near Keats, with an unusual outside stairway suggested the study. It is a winter scene typical of Kansas and the middle west, where characteristics are snow and a great deal of color in the landscape. Yet the scene has a European atmosphere, the picturesque barn and the surrounding farmyard looking quite French. It is done in the high values that depict winter sunshine, so different from the intense summer sunshine, particularly in this part of the country.

The yellows, oranges, violets, and blues show an interesting use of complementary colors.

The etching in the exhibit is "Saplings in Winter" which was also accepted by the National Academy of Design.

COLLEGE STOCK WINS FIVE PLACES AT DENVER SHOW

Nine Head of Fat Cattle Sent to Western National

Five places were won by the college on nine head of fat cattle entered in the Western National Livestock show in Denver last week.

Placings were as follows: first and third on junior yearling Herefords; third on Hereford herd; second on summer yearling Shorthorn; second on Shorthorn herd.

These cattle were sold at an average price of \$198 a head or about 19 cents a pound, according to Dr. C. W. McCampbell, head of the department of animal husbandry. Prof. B. M. Anderson was in charge of the cattle.

SET MARCH 9 AS DATE OF INTER-SOCIETY CONTEST

Names of Orators Who Will Compete are Announced

Changing of the date of the annual intersociety oratorical contest from February 23 to March 9 has been announced by Karl Pfuete,

chairman of the contest committee. No titles have as yet been decided upon.

Orators, and the societies which they will represent, are as follows: Athenian, Francis Johnson, Manhattan; Alpha Beta, Kenneth Gopen, Manhattan; Eurodelphian, Gertrude Brooks, Westmoreland; Webster, Chester Ward, Lindsay, Cal.; Hamilton, John Correll, Manhattan, or J. C. Fickel, Chanute; Browning, Margaret Greep Longford; Ionian, Frances Wagar, Florence; Franklin, Laurel Owsley, Manhattan.

TIGERS VICTORIOUS AFTER HARD BASKETBALL TILT

Aggies Ahead in Third Quarter of Game at Columbia but Trail 51-36 at Finish

The Kansas Aggie basketball team fought a gallant but losing battle against Missouri last Saturday night at Columbia. The Aggies led by a point with 10 minutes to play, but lost 51 to 36 by virtue of a terrific Tiger rally.

The Missouri team is undefeated and is expected to win the conference title unless headed by the brilliant Oklahoma university five. The Tigers have a team of six-foot veterans.

The Aggies meet Nebraska at Manhattan Thursday night. The Huskers have been defeated by Missouri, and won from Kansas U. 30 to 29.

The box score of the Missouri game:

Aggies	G.	FT.	F.
Skradski, f	4	4	2
Nigro, f	3	3	3
Russell, f	0	0	0
Forsberg, f	0	0	1
Silverwood, f	2	0	3
Freeman, c	2	2	3
Weller, g	0	5	4
Richardson, g	0	0	0
Barre, g	0	0	0
Gann, g	0	0	0
Totals	11	14	16

Missouri	G.	FT.	F.
Welsh, f	7	3	1
Craig, f	7	3	2
Rubie, f	1	0	3
Morgan, f	4	1	3
Huhn, c	1	0	1
Waldorf, g	1	1	2
Baker, g, c	0	1	4
Roach, g	0	0	3
Campbell, g	0	0	0
Totals	21	9	19

Referee—E. C. Quigley, St. Marys; umpire—Ed Hess.

NEW BOARD CREATED FOR AGGIE YEAR BOOK

Royal Purple to Be Under Supervision of Board of Directors, Starting Next Fall

Reorganization of the plan of administration of the Royal Purple, year book of the college published by the senior class, has been announced by Tudor J. Charles, president of the Student Governing association. The plan, which is to take effect with the 1930 annual, was proposed by a faculty committee and approved by the S. G. A. and the president of the college.

General control of the publication is to be in the hands of a board of directors, three members to be students appointed by the S. G. A. and two members to be from the faculty.

The staff in the future is to consist of an editor, business manager, and treasurer, to be paid stated salaries, and other staff members selected from the three upper classes. Two nominees each for the positions of editor, business manager, and treasurer are to be named by the board of directors before February 1 of each year, and final selections will be made by student ballot. Additional candidates may be placed in nomination by student petition, provided the candidates meet the approval of the board.

Sophomore and junior members of the staff are to be selected by the editor from a group recommended by a committee consisting of the head of the department of industrial journalism as chairman, and representatives from each division and the various student publications.

Faculty members of the board of directors are Prof. H. W. Davis, head of the department of English, and Prof. E. T. Keith, of the department of industrial journalism and printing. Professor Davis is chairman. Student members of the board are Helen Sloan, Hutchinson; James Yeager, Bazaar, and Helen Condell, El Dorado.

LONG TIME ROTATION TELLS YIELD STORY

LEGUMES INCREASE RETURNS ON WHEAT AND CORN

Sixteen and 18 Year Tests Show Rotation Increased Wheat Yield Four Bushels—Corn Approximately 10 Bushels

Advantageous effects of crop rotation where it includes legumes were pointed out recently at several legume schools in northeastern Kansas by Dr. M. C. Sewell, soils specialist of the college. Summarized, four principal advantages of rotation are: control of weed, crop pests, and plant diseases; rendering manure and chemical fertilizers more effective; increasing the soil supply of organic matter and nitrogen, improving tilth, and conserving the soil reserve of plant nutrients; different crops in themselves exert beneficial effects on those which follow.

"Within our own state climatic conditions determine whether rotations will increase crop yields," Doctor Sewell explained. "In western Kansas for instance, we cannot advise crop rotation on the basis of any increase of wheat yields because of crop rotation. In eastern Kansas, there is no question of the desirability of crop rotation.

LONG TIME AVERAGES

"In Riley county at Manhattan, we have an 18 year comparison of wheat grown continuously on the same land and wheat grown in a simple three year rotation of corn, oats, and wheat. In both instances various cultural treatments were regularly practiced. For the same treatment the yields of wheat have averaged four bushels per acre greater in the rotation."

The effect of rotation on yield is more marked in the case of corn yields. For a period of 16 years, corn yields in various rotations and where grown continuously have been as follows:

Cropping system	Yield per acre Average
Alfalfa 4 years	
Corn, wheat, wheat (16 year rotation)	31.7 bu.
Cowpeas, wheat, corn (3 year rotation)	30.0 bu.
Corn, corn, wheat (3 year rotation)	26.5 bu.
Continuous corn	21.3 bu.

This comparison shows the marked effect of alfalfa in the rotation on corn yields, according to Doctor Sewell. Compared with continuous cropping the average increase of corn production is 10 bushels per acre.

ALFALFA A SOIL IMPROVER

In the alfalfa rotation just cited, alfalfa is grown only four years on a field during a 16 year period. It is probable that the corn yields would be increased more were sweet clover also introduced into this rotation. The average yield of approximately 32 bushels per acre may not seem large. However, it is a 16 year average for corn produced on upland. During two of the years, 1913 and 1918, no grain was produced. The yields in certain years have been as high as 70 bushels per acre.

"Alfalfa is a soil improving crop in addition to being a valuable cash crop or forage crop," the college crop specialist continued. "In order to obtain full benefits of the crop, both from standpoint of cash income and soil improvement, we do not advise growing alfalfa more than six years on a field in rotation with other crops, and advise four year stands of alfalfa where practical. With the usual general cropping systems this requires all farm fields to be in alfalfa four years out of every 12 to 16 years, and thus insures larger yields for the grain crops that follow the alfalfa."

"When alfalfa is plowed up, the best time for breaking is in the fall. Corn can usually safely follow alfalfa in northeastern Kansas.

SEEDBED REQUIREMENTS

"Sweet clover has the same seedbed requirements as alfalfa—shallow plowed ground, clean seedbed, and firm seedbed. Early spring planting, however, is best for sweet clover. If seeded in oats, sweet clover is cross drilled immediately after oats are planted. In such combination seeding, the rate of planting oats should be lighter than usual."

Let a fool hold his tongue and he will pass for a sage.

—Plubius Syrus.